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BUTZER'S

Autumn 1929 Catalog

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J. J. BUTZER

186 FIRST STREET
PORTLAND,
OREGON



BUSINESS INSTRUCTIONS

What We Do and What You Should Do

EARLY ORDERING—It will be helpful to our customers, as well as ourselves, to have orders placed early. Our policy is to make prompt shipments, but this is impossible as the busy season reaches its height. If your order is received late we may be sold out, as in case of shortage of crops, with no more stock obtainable. Send your order early; we will do the rest.

SEND CASH WITH ORDER—Remittances may be made by Money Order, Draft, Currency, or Stamps. We will accept any reasonable amount of stamps the same as cash, but we prefer to have 2, 5, 10, 15 and 25 cent stamps. Be sure you register your letters if they contain cash. Money orders are the most economical and practical means of remitting.

CORRESPONDENCE—We try to give prompt attention to all proper letters of in-

quiry, etc., but ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets.

HOW TO ORDER—Fill out the order sheet enclosed herewith, writing your name and address very plainly. If you have lost our order blank any kind of paper will do. Just be sure you write your name and address plainly. We'll take care of the order.

PREPAY STATIONS—When you send in orders to go by freight or express, be sure you send extra money to pay the transportation charges, if your station is a prepay point, which is always the case where there is no regular agent. If you send more than enough, we will refund it as soon as we get the prepay bill. If not enough, we will write for the balance and expect you to remit promptly.

As we try to make our prices as low as possible and to send C. O. D. only adds to the cost to both buyer and seller, so send the money.

Our Guarantee. All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified. Accept shipment, examine and count on receipt and notify us at once should there be any errors, and the carrier as well, if any damaged stock. This guarantee not good unless above requirements are complied with. We do not guarantee continued growth. Remember, a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes, drinks and feeds, and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition.

GUARANTEE

Seeds of the best quality are apt to fail through improper treatment by sowing the seed too deep or too shallow, in too wet or too dry soil. They differ greatly as to the temperature required for germination. Some will germinate rapidly at a certain temperature, while others, if sown under the same conditions, are apt to decay, and for all these reasons it is impractical to guarantee seeds. I give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs or plants sent out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

J. J. BUTZER.

PERENNIAL FLOWER GARDEN

We have made up a mixture of the most showy and easily grown perennials. As a great many of our customers do not care for the names of the different varieties but want a lot of flowers the whole season, with this in mind we have made up this mixture. Under ordinary gardening methods, the planter may expect quite a surprise at the great display of beautiful flowers. Try a package on our say-so. Large package 15c, 2 for 25c, postpaid.

TULIPS

All Tulips should be planted in the Fall. A good planting guide is when the leaves of the deciduous trees begin to fall on account of sharp frosts. Tulips should be planted 6 inches deep, measuring from the bottom of the bulb, and can be grown in any good soil that is well drained and where the bulbs have room enough for root growth. The soil should be spaded to a depth of at least one foot. After planting, it is well to give them a good watering. You cannot give them too much water at this time as this will dissolve the soil about the bulbs and form a perfect contact so that the first roots to sprout will find immediate nourishment. They need not be watered again. If your soil is heavy and inclined to pack, it is well to add humus of some kind. Peat, with a little Bone Meal added is wonderful for this purpose. We would suggest about five pounds of Peat and a handful of Bone Meal to the square yard. If you wish to save the bulbs for a second year, it is best to allow the foliage to ripen and turn brown after they have bloomed. Then, they may be dug (about July 1st) and stored in a cool, dry place until planting time. We do not believe that it will pay you to save the very small bulbs that you will find with the large one, as, many times, they never amount to anything. If they do, it would not be before two or three years have elapsed, and, we do not think that it is worth the trouble when good bulbs can be purchased for a few cents. There is a lot of talk about not cutting the flowers of the Tulips as it is supposed to injure the bulbs. This is not true. Care should be taken, however, in cutting the flower and stem only and not the foliage.

DARWIN TULIPS

We strongly recommend this class of Tulips for garden-decoration in beds as well as in groups in the herbaceous border and amongst shrubs. Grown for cut-flowers, they prove very valuable at a time when our gardens yield so little for the decoration of our rooms. They bloom during the middle of May, a period when spring-flowers are over and those of summer, such as Roses, have not yet come in. The blooms last in condition a very long time.

Baronne de la Tonnaye—Bright rose, margined with blush. Extra large flowers on long stems. 6c each; 50c per doz.; \$3.50 per 100, postpaid.

Bartigon—Large flowers of fiery crimson with bright scarlet margin. One of the best of its color. Each 6c; per doz., 50c; 100 \$3.50, postpaid.

Centenaire—(30 in.) Rich violet-rose with large blue center, immense flower of perfect shape, splendid forcer. Each 6c; per doz., 50c; 100, \$3.50.

Clara Butt—Bright apple blossom pink, a brilliant and beautiful self-color. Conceded by all critics to be the most magnificent of the Darwin type; splendid for forcing and flowers, must be grown cool when forced.

Each 5c; doz., 50c; 100 \$3.50, postpaid

Europe—(22 in.) Glowing salmon-scarlet, shaded rose; well formed globular flower, erect grower and lasts well. Each 6c; doz., 50c; 100 \$3.50.

Farncombe Sanders—Fiery rose-scarlet, inside vivid cerise-scarlet with white center marked blue; flowers perfect shape.

Each 6c; doz., 50c; 100 \$3.50

Isis—Dark scarlet. Each 5c; doz., 50c; 100, \$3.50, postpaid.

La Tulipe Noire—The darkest Tulip known; shape a perfect cup, of intense black maroon. Surface lustrous; very tall.

Each 5c; doz., 50c; 100 \$3.50, postpaid

Mad. Krelage—Soft, rosy pink, with paler margins; inside soft rose pink; very tall and shapely; thrives well and increases fast.

Each 5c; doz., 50c; 100 \$3.50

Pride of Haarlem (28 in.)—Bright rose; suffused with purple; an enormous flower unsurpassed for groups because of its fine color and stately habit.

Each 5c; doz., 50c; 100 \$3.50, postpaid

Princess Elizabeth—(Syn. Julie Vinot.) (26 in.) Large flower; soft rich rose toning to silvery-rose at edges. Inside deep rose, white base. Highly recommended. Each 5c; per doz., 50c; 100 \$3.50.

Professor Rauwenhoff—Deep cherry rose; with ivory white and blue star at base; splendid early forcer, enormous flowers of great substance. Each 5c; doz., 50c; 100 \$3.50.

Rev. Ebwbank—Heliotrope lilac, with paler edge; fine forcer.

Each 5c; doz., 50c; 100 \$3.50

William Copland—Sweet Lavender. The best Darwin Tulip for forcing. It may be grown in the house as easily as the early Tulips. Also fine for the border. When grown outside, color is rosy-lilac. When forced, color is beautiful lavender.

Each 5c; doz., 50c; 100 \$3.50, postpaid

William Pitt (22 in.)—Very dark scarlet, with purple shade on the outer petals; large flower. Each 5c; doz., 50c; 100 \$3.50

White Queen—White passing to pink.

Each 5c; doz., 50c; 100 \$3.50

Zulu—(27 in.) Rich, velvety, purple-black; large cup-shaped flower. Each 5c; per doz., 50c; 100 \$3.50.

MIXED DARWIN TULIP BULBS

100 For \$3.00 Postpaid
Per Dozen 50c Postpaid

Our special mixture of Giant Darwin bulbs, of many favorite varieties and colors, at a specially low price for those who want quantities. Try them.



SINGLE EARLY TULIPS

Artus (C. M.)—Deep red, much used for bedding. Each 5c; doz., 50c; 100 \$3.00

Belle Alliance (Waterloo) A. M.—True large, brilliant scarlet, sweet scented, fine forcer and bedder. Each 5c; doz., 40c; 100 \$3

Chrysolora. B. m.—Large, pure golden yellow, excellent for bedding; holds its color well. Each 5c; doz., 50c; 100 \$3.50

Cottage Maid (La Precieuse)—White bordered pink, the pink shading to carmine-rose; excellent dwarf bedder. Each 5c; doz., 50c; 100 \$3.50

Keizerskroon—Bright red, with yellow edge; very large, no other Tulip makes such a handsome bed. Each 7c; doz., 75c; 100 \$6.00

Le Reine—Pure white; best white Tulip for forcing and bedding. Each 5c; doz., 50c; 100 \$3.00

Rose Griselin—Beautiful delicate pink. Each 5c; doz., 50c; 100 \$4.00

Vermilion Brilliant—A beautiful flower, forces easily and early; one of the largest and finest scarlets. Each 5c; doz., 50c; 100 \$3.50

Yellow Prince—Sweet scented; one of the very best for forcing; a fine yellow. Each 5c; doz., 50c; 100 \$3.50

Superfine Mixed—All colors. Each 5c; doz., 50c; 100 \$3.00, postpaid

Six bulbs of a kind at the dozen rate. Twenty-five bulbs of a kind at the 100 rate.

STRIPED TULIPS

Though too gay for modern taste to serve in large plantations, the old-fashioned striped tulips are beautiful. They prove that the Dutch tulipomania was not without excuse, and no gardener who wishes his collection to be representative will be without some specimens.

Bizarres—Mixed. Flowers beautifully blotched, striped and feathered with crim-

son, pink, scarlet, rose, lilac and purple on yellow ground. Each 5c; per doz., 50c; 100 \$4

Bybloemens—Mixed. White ground, blotched, striped or feathered with lilac, purple, violet, blue. Each 5c; doz., 50c; 100 \$4

PICOTEE TULIPS

Maiden's Blush (Picotee) (20 in.)—A long-shaped flower, pure white recurved petals, margined rose.

Each 5c; per doz., 50c; 100 \$3.00

COTTAGE TULIPS

Each individual blossom being a marvel of beauty in itself. They grow from 18 to 24 inches high and appear at their best when used in the border, the foreground of shrubbery or buildings, or out of the way corners of garden, where, if left undisturbed, they will bloom with increasing beauty for years. They are extremely hardy and the flowers borne on long strong stems are good keepers when cut.

Gesneriana Lutea (20 in.)—A very shapely bloom of the purest yellow; distinctly sweet scented. One of the best yellow tulips in existence for color and perfume.

Each 5c; per doz., 50c; 100 \$3.50

Gesneriana Major (Spathulata Maj.)—(24 in.)—Rich crimson-scarlet, with blue basal blotch. One of the best of its color for large plantings especially in combination with yellow or white. Each 5c; per doz., 50c; 100 \$3.50

Gesneriana "Orange Globe" (22 in.)—Rich crimson-scarlet, shading to orange. A grand contrast with *Gesneriana Lutea Pallida*.

Each 5c; per doz., 50c; 100 \$3.50

Inglescombe Pink (24 in.)—Beautiful clear pink with amber tinge inside, later becoming pure pink. Each 5c; doz., 50c; 100 \$3.00

Inglescombe Scarlet (16 in.)—Brilliant vermillion with a black base. One of the best reds. Each 5c; doz., 50c; 100 \$3.00

Inglescombe Yellow (18 in.)—A fine, large, globe-shaped flower, color full rich yellow; sometimes called the *Yellow Darwin*. Each 5c; doz., 50c; 100 \$3.00

Mrs. Moon (30 in.)—This is beyond doubt the finest late yellow tulip in existence. Each 8c; per doz., 75c; 100, \$6.00

Moonlight (20 in.)—Oblong blossoms of delicate pale yellow. Very distinct. Plant in semi-shade.

Each 8c; per doz., 75c; 100, \$5.00

PARROT TULIPS

Their fringed and corrugated petals with their wonderful variation make these old-fashioned flowers the most curious of all tulips. Flowering at the same time as other late sorts, they are entirely distinct from any other; the flowers are thick-petaled with extra long stems, and keep extremely well after being cut. The average height is 15 inches.

Lutea Major—Bright yellow; large. Each 5c; per doz., 50c; 100 \$3.50

Perfecta—Yellow striped red.

Each 5c; per doz., 50c; 100 \$3.50

Mixed Superfine—Per doz., 50c; 100 \$3.00



BREEDER TULIPS

Breeders are the unbroken or self colored forms of the old Florist Tulips. Most of the varieties are purple, maroon or terra cotta colored. They have flowers of enormous size and are of vigorous growth. These Tulips are very valuable for the garden, producing by their refined colors a most artistic effect.

Bacchus—Dark violet-blue, very large flower, very handsome. Each 10c; doz., \$1.00

Bronze Queen (28 in.)—Soft buff, inside tinged golden-bronze, good forcer.

Each 10c; doz., 60c; 100, \$3.50

Cardinal Manning—Wine-red flushed rosy-brown. Each 10c; doz., 60c; 100, \$3.50

Don Pedro—A beautiful shade of coffee-brown shaded maroon inside rich mahogany.

Each 10c; doz., \$1.00; 100, \$7.00

Louis XIV (16 in.)—An immense flower, rich purple, with golden bronze margin; inside bronzy-purple. A gigantic and very handsome tulip. Each 10c; per doz., \$1.00; 100 \$7.00.

Le Mogol—Clear lilac, flushed white. Each 10c; doz., 75c; 100, \$5.00

Panorama (Fairy)—Mahogany, good forcer. Each 10c; doz., 75c; 100, \$6.00

Mixture of Breeder Tulips—An extra fine mixture in many shades and colors.

Each 5c; doz., 50c; 100, \$4.00

LILY FLOWERED TULIP

As the result of crossing the dainty pointed-petaled *Tulipa retroflexa* with a pink Darwin, we have here a new, very beautiful, and distinct race of Tulips having graceful, slightly reflexing flowers on tall, sturdy stems.

Sirene—A very beautiful flower. Rich rose-pink with pale-pink at the margins of segments, white base. Fine forcer. Great exhibition flower of exquisite beauty.

Each 10c; doz., \$1.00; 100 \$7.00

DOUBLE TULIPS

There is a distinct revival of the popularity of double tulips. Coming a little later than the singles, they last much longer, and where the single and double are planted together the season of flowering is prolonged from two to three weeks. The double tulips require a soil more fertile than the singles for perfection of blossoms; and where well grown their mammoth peony-like flowers of delicate or brilliant coloring are most effective either in groups in the border, or in formal beds. The double tulips do very well when grown in pots for winter blooming, but they must be forced more slowly than the single tulips.

Murillo—Decidedly the best double pink Tulip for forcing or bedding; flowers large Each 7c; Per doz., 60c; 100 \$4.50

Tea Rose—The best yellow. Each 5c; doz., 50c; 100 \$3.50.

Vuurbaak—Bright scarlet, suffused orange. Each 7c; Per doz., 50c; 100 \$4.50

Early Double Mixed—This mixture contains a large and choice assortment of all colors and shades; very suitable for outdoor planting. Each 5c; doz., 50c; 100 \$3.50

KEIZERKROON TULIPS

Plant lots of them this year

These wonderful big scarlet blooms with their bright yellow edges make a splendid showing in large circular beds; also in window and porch boxes. Be sure your order includes plenty of these bulbs for the pleasure they will give you.

Each, 7c; Doz., 75c; 100, \$6.00

3 SPECIAL EVERGREEN SHRUBS \$2⁰⁰

We will send you three nice Evergreen Shrubs of three varieties our selection for \$2.00; regular price \$4.00 and over. We need the room and as long as we have them they are yours. Too large to be sent by parcel post, but should be sent by express or freight. We sold hundreds of these last fall and had no complaints. Order a collection. But order early.

To add the final touch of beauty to your garden try some of our Lilies.

All Bulbs are postpaid

NARCISSUS or DAFFODILS

The Narcissi is one of the most satisfactory and valuable of all flowering bulbs; their exquisite perfume, earliness, free blooming and keeping qualities, endear them to all who have grown them.

Once planted in the field or garden, they need no further attention but will thrive and perpetuate themselves, increasing in beauty for years.

SINGLE LARGE TRUMPETS

25 at 100 rate

Emperor—A magnificent sort. The entire flower is a rich yellow; trumpet of immense size and petals so broad that they overlap. Three of these bulbs planted in a 6-inch pot will make a splendid show.

Large bulbs, each 10c; per doz. \$1; 100 \$7.50

Golden Spur—The most popular of the golden yellow trumpets with cut flower growers. Each 10c; doz. \$1.00; 100 \$7.00

King Alfred—Perianth and trumpet rich golden yellow, a beautifully formed trumpet of great substance, the exquisite flowers are borne on a strong stem, the finest flower to my knowledge in existence.

Each 15c; per doz., \$1.60; 100 \$12.00

Mme. De Graff—Perianth snow white, trumpet slightly tinted with primrose, which changes to white.

Each 10c; per doz., \$1.00; 100 \$7.50

Olympia—A giant flower rivaling Van Waveren's giant in size; sulphur-yellow perianth, handsome yellow frilled trumpet.

Each 25c

Tresserve—Beautiful light-yellow Trumpet Daffodil, extra large flower, splendid exhibition variety. Fine for forcing or planting out. Stock limited.

Each 25c

Van Waveren's Giant—One of the largest of all Trumpet Daffodils; flowers of huge dimension; bright yellow trumpet with primrose perianth of campanulate form. Very tall and vigorous grower. Stock limited.

Each 25c

Victoria—Perianth creamy-white, trumpet rich yellow. Each 10c; doz. \$1.00; 100 \$7.00

INCOMPARABILIS

This class includes many of the most beautiful and useful Daffodils for bedding, naturalizing and border planting. Strong growers, hardy and free bloomers. Forced for winter flowers, they are splendid.

Red Beacon—A most lovely flower which immediately attracts one by its brilliantly colored cup; the perianth is ivory-white, broad and of great substance, slightly shaded sulphur at the base; the cup is prettily fluted and of the most intense fiery orange-red.

5c each; 50c doz.

Sir Watkin—A well-known daffodil, excellent for large plantings, or growing in pots. Full perianth of pure yellow with large, rich, golden trumpet. Large size, each 10c; per doz., \$1.00; per 100, \$7.50.

DOUBLE FLOWERING NARCISSUS

Alba Plena Odorata (Double Poet's Narcissus or Gardenia Daffodil).—Double, pure white, very sweet scented. This beautiful variety.

Each 6c; doz., 60c; 100 \$4.50

Orange Phoenix—Light citron, with orange center. Each 10c; doz., \$1; 100 \$7.50

Van Sion—The famous Old Dutch Daffodil; flowers golden yellow.

Each 10c; doz., \$1.00; 100 \$7.50

DOUBLE MIXED NARCISSUS

A fine mixture of double sorts, splendidly adapted for planting out, in masses, for cut flowers, etc. 50c per doz.; per 25, \$1.00; per 50, \$1.50, postpaid.

POET'S AND POETAZ NARCISSUS

This is the old-fashioned favorite type with white flowers, the cups margined with red and with rich, spicy odor. The Poetaz varieties are of exceptional value for forcing.

King Edward—Large white petals, broad greenish yellow, red edged cup, very large flower on long stem, early.

5c each; 50c per doz.

Poeticus Ornatus—(The Improved Poeticus)—Pure white cup, edged with scarlet. Good forcer. Each 5c; doz., 50c; 100 \$3.00

Queen of England—Large, flat white perianth of great substance, with beautiful cup, margined red. You will make no mistake in planting a few of this lovely variety.

5c each; 50c per doz.

Recurvus (Pheasant's Eye)—Pure white flowers, orange cup, edged with red. Very useful for cutting in spring; are perfectly hardy out of doors—will bloom year after year. Does not force.

Each 5c; doz., 50c; 100 \$3.00

LEEDSII

All have white perianths with white or sulphur trumpets. Most beautiful classes for cutting of all daffodils.

Mrs. Langtry—A remarkably free-flowering variety, broad white perianth, and white cup opening pale primrose. Valuable for naturalizing.

Each 5c; doz., 50c

NARCISSUS MIXTURE

These bulbs are of the highest quality. We think this is the best value in our whole list. Try some; they will more than please you.

Doz., 35c; per 25, 60c, postpaid

PAPER WHITE NARCISSUS

Grandiflora—Beautiful fragrant flowers of pure white, forces admirably and flowers freely in dense clusters; will bloom in December, if potted early. Anyone can grow them in the house successfully. Plant one bulb to a three-inch pot, four to a six-inch pot. Can be grown in water.

Each 10c; doz., \$1.00; 100 \$5.00

CHINESE SACRED LILY

A Variety of Narcissus

Also called "Shu Sin Far," or Water Fairy Flower. The flowers of this variety of Polyanthus are of a satiny white color, with very fragrant golden yellow cups. The dark green foliage is exceedingly luxuriant and beautiful. Chinese Lilies are usually grown in bowls or dishes of water. Put fancy pebbles, small rocks or shells around them and keep the dish full of water, set in a moderately cool place, until the roots start freely, then bring them to the light and keep in an ordinary living room, not too hot. A dozen bulbs started in this way at intervals will give a succession of bloom throughout the winter.

Each 15c; doz., \$1.50, postpaid

HYACINTHS

Hyacinths are among the most popular and satisfactory flower bulbs grown. Their wax-like bell-formed flowers, borne in buxom trusses, are of matchless beauty and also delightfully fragrant. The colors, shades, and tints are wonderfully varied, ranging from purest white, through blush, pink and rose, to deepest red, from daintiest porcelain through blues to black purple, and from cream through yellows to orange and rosy apricot. Hyacinths may be had in flower throughout the winter, grown either in pots of soil or glasses of water, while for gardens or beds on the lawn they are gorgeously effective when in flower during the spring. The bulbs of different varieties of Hyacinths vary greatly in size and shape, some making very large, smooth bulbs; others smaller, irregular shaped bulbs. The latter, however, throw equally as fine trusses of bloom—sometimes better than the larger bulbing varieties. In every case we send out the largest and best bulbs that the variety produces.



HYACINTHS

The Calla is one of the best winter flowering plants for room culture, needing little care beyond abundant water and an occasional washing of the leaves to keep them free from dust. Plant one bulb in a 6-inch pot. As soon as it starts growing, bring to the light and heat and the result will be most satisfactory.

White Calla Lily (*Aethiopica*)—A well-known plant of easy culture for winter bloom, and makes a handsome house or window plant. To aid profuse blooming keep dormant from the middle of June until the last of September; pot on receipt in good, rich soil, using 6 to 8-inch pot, give light and heat in abundance. Both foliage and flowers are attractive in this desirable winter bloomer. Each 35c; 3 for 1.00, postpaid

Yellow Calla (*Elliottiana*)—New and beautiful variety; same habit of growth as ordinary white Calla; flowers same size and shape, rich, clear, lustrous golden-yellow; foliage dark green, with translucent creamy spots, strong bulbs.

Each 35c; 3 for \$1.00, postpaid

New Godfrey—Plant is more dwarf in growth; flowers lily white, very graceful and produced in astonishing numbers; come into flower quicker; will also do well in the garden for summer flowers.

Each 25c; 3 for 65c, postpaid

HYACINTHS—Single

Price: 20c each; \$2.00 per Doz. postpaid

RED AND PINK

General De Wet—Bright pink.
Gertrude—Deep pink.
Giganthea—Blush pink.
Lady Derby—Light rose.
La Victoria—Deep red.

WHITE

La Grandesse—Snow white.
L'Innocence—Pure white.
Madame Kruger—Pure white.
Madame Vander Hoop—Pure white.

Price
20c
Each
\$2.00
Per
Dozen
Postpaid

BLUE

Czar Peter—Light porcelain blue.
Grand Maitre—Deep porcelain blue.
King of the Blues—Deep blue.
Queen of the Blues—Light blue.

YELLOW

Yellow Hammer—Pure yellow.

LILAC AND PURPLE

Lord Balfour—Dark lilac.
Sir Wm. Mansfield—Purple.

GRAPE HYACINTHS

MUSCARIA BOTRYOIDES (Grape Hyacinths)—Very pretty, early spring blooming bulbous plants, succeeding well anywhere. Flowers resemble a miniature Hyacinth. Color blue.

Each 5c; doz., 50c; 100, \$3.50

LILY OF THE VALLEY

Extra Select Pips—One of the most satisfactory and charming Spring flowering plants, producing in profusion its delicate bell-shaped, delightfully fragrant, white flowers. Valleys thrive in any common soil, are perfectly hardy, and will succeed in shady situation. They can be left undisturbed in the open ground, where they will increase from year to year, and are most charming in beds or borders around the lawn. For outdoor planting and Winter forcing, pips are ready December to March.

Selected Pips—For forcing indoors or planting outside. Doz., 50c; 100, \$3.00

MONTBRETIAS

Of the same family as gladioli, Montbretias are harder and increase more abundantly. There are a number of old varieties, which have been popular for years; the flowers on the old varieties are, however, small and in no way comparable to such greatly improved varieties as the George Dickson, Lord Nelson, etc. In good soil these will easily grow three feet in height, and their spikes are producers for months and are always well branched. They are splendid for cutting, being especially effective with autumn foliage.

Mixed colors—Dozen, 60c.

PRETTY LITTLE FLOWERS FOR PRETTY LITTLE PLACES

Plant these bulbs in quantities among the grass, under trees, on banks, where their leaves need not be cut too early—they will increase in numbers yearly and afford beauty for a lifetime. For planting in clumps in your hardy borders, for edging walks or flower-beds, or for planting among Tulips they cannot be surpassed.

ANEMONES

St. Brigid—The finest Irish strain; showing a great many lovely shadings, including pink, rose, purple, lavender, violet, scarlet, crimson, white and others. Easily grown and bloom freely. Plant in spring or fall.

Each 6c; doz., 65c; 100 \$4.50

De Caen—Each 5c; doz., 50c; 100 \$3.00.

Coronarea—Each 5c; doz., 50c; 100 \$3.00.

CHIONODOXA (Glory of the Snow)

One of our loveliest Spring flowers, when established its sheets of blue in very early Spring are a great attraction in borders, dotted over bulb beds, or massed on rock-work. Once planted it comes up year after year, the flower spikes increasing in size and beauty. Excellent in pots. Prices include postage.

Sardensis—Intense deep-blue.

Doz., 50c; 100 \$3.00

CROCUS—SPRING FLOWERING

KING OF BLUES—Dark blue, splendid for forcing.

KING OF THE WHITES—Mammoth snow white, truly the king of all white Crocus.

KING OF THE STRIPEDS—Extra for forcing.

PURPUREA GRANDIFLORA — Bright, purple.

MIXED VARIETIES of blue, striped, white, purple, yellow colors.

Per doz. 50c; 100 \$3.50

MAMMOTH YELLOW — Yellow, selected bulbs of large size; finest blooms. First size, doz. 60c; 100 \$5.00.

ERANTHIS HYEMALIS

(Winter Aconite)

Early in spring the golden blossoms of Winter Aconite look charming, resting on an emerald-green of cushion leaves, forming a striking contrast to the Snowdrop, Scilla and Chionodoxa. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees. 8 inches high.

Doz., 40c; 100 \$3

FREESIAS

These popular winter blooming bulbs force readily, and by successive plantings will last throughout the season. Their handsome clusters of white flowers have a most delicious fragrance. Plant four to six in a 4-inch pot.

PURITY (New Giant Freesia)—Pure white.

Doz., 40c; 100, \$2.00

GIANT YELLOW FREESIA

Doz., 50c; per 100 \$3.00

GIANT PINK FREESIA

Doz., 50c; per 100 \$3.00

GIANT LAVENDER FREESIA

Doz., 50c; per 100 \$3.00

FRITILLARIA IMPERIALIS

(Crown Imperial)

The Crown Imperial is a stately hardy border-plant, very effective in Spring when grouped in woodlands, wild gardens, orchards, etc. For forming bold groups in the permanent border or on lawns it is of great value, and should be allowed to remain undisturbed.

Each 20c; doz., \$2.00

IXIAS

A beautiful little flowering bulb, with low, slender, graceful spikes of bloom. Rich and varied colors. Culture same as Hyacinths. Named Varieties, Mixed.

Each 5c; doz., 50c; 100 \$3.00

ORNITHOGALUM

(Star of Bethlehem)

Throws up a tall stem with a cluster of star-shaped flowers; pure white with dark centers. Excellent for cutting, lasting a long time in water. Also very adaptable to pot-culture.

Doz., 35c; per 100 \$2.00

OXALIS

Charming little half trailing or bushy plants, particularly adapted for pot culture and hanging baskets. The foliage alone is very attractive. Each 3c; doz., 30c; 100 \$2.50

RANUNCULUS (Buttercup)

Nothing produces a brighter or more gorgeous effect in June and July than beds of Ranunculus; the flowers are all good for cutting, and the culture is very simple. They thrive in any ordinary garden soil, but should have protection in spring from the late frosts and sharp winds. Plant outside latter end of March or early April, as soon as frost is out of the ground, or earlier in the hot bed if desired for early cutting. Plant in November for early spring bloom in frames. Set the tubers 3 or 4 inches apart, pressing them firmly into the soil, claws downwards, and cover them with sand, then with soil; keep the crown of the tubers two inches under the surface. During dry weather the plants should be given abundance of water.

French Mixed—Per doz., 75c; per 100, \$5

SCILLAS

(Squills or Wood Hyacinths)

As edgings and masses in beds and borders, Scillas are most valuable, and produce a grand effect in flower and shrubbery borders, and are most valuable for wild gardens and woodlands, where they should be largely naturalized. They succeed in shady flower borders and bare shady places and odd corners which often have a desert-like appearance in the flower garden can by their use be rendered bright and cheerful.

Sibirica (The Blue Squill)—Bright blue, nothing more beautiful for edgings or pots in early spring, flowering with the Snowdrop. Height, 4 inches. Doz., 50c; 100 \$3.00

Sibirica White—Doz., 50c; 100 \$3.00.

SCILLA

One of the prettiest dwarf early spring blooming bulbs, producing sprays of exquisite flowers. Each 5c; doz., 50c; 100 \$3.00

Campanulata Blue.

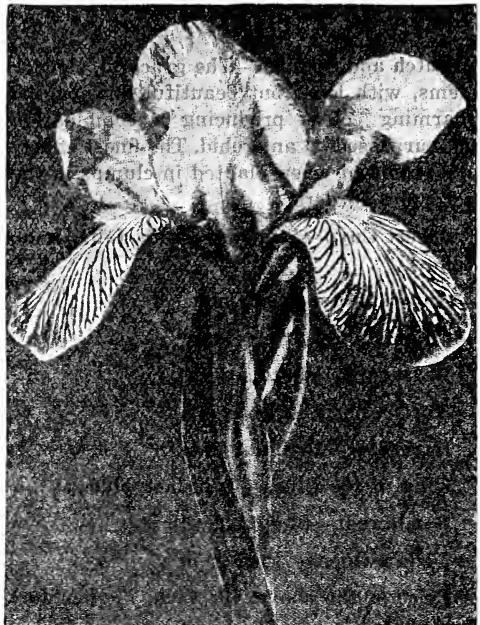
Campanulata White.

SNOWDROPS (Galanthus)

In early spring there is nothing more beautiful than graceful blossoms of the Snowdrop. Beds and effects of passing beauty may be arranged with Snowdrops in the center, edged with Scilla Sibirica, or Chionodoxas. In beds of Tulips and Hyacinths, Snowdrops are very effective between the lines; they flower while the bulbs are just moving to the surface, and when the flowers are over there remains an elegant groundwork of green foliage.

Single (Largest Bulbs)—Doz., 60c; 100 \$4.00

Double (Largest Bulbs)—Doz., 75c; 100 \$5.00



BUTZER'S CHOICE IRIS

These do well under varied conditions of soil and climate. They thrive in moist or dry soil, in the bright sun or in semi-shaded locations. The plants make a strong growth and produce large and showy blooms, beginning with the month of May.

The tubers may be planted either in the Spring or in Autumn, placing them one foot apart each way and covering them an inch or two.

Alcazar—"S" light mauve; "F" rich crimson with lighter veins. A very handsome Iris of good growth, producing tall, strong, widely branched flower stalks. The flowers are large and of good texture. Each 25c.

Amas (Macrantha)—"S" rich blue; "F" violet. Very large and handsome, very a desirable sort. Each 25c.

Ambassadeur (40 inches)—"S" smoky bronze; "F" dark velvety maroon. A strong grower, carrying its large flowers well disposed on its stalks; petals of great substance. Vilmorin's finest seedling. Late. Each \$1.00.

Asia (45 inches)—"S" pale silvery lavender deepening at the base to golden yellow. "F" pale reddish purple, lighter at the edges. Base of standards are heavily reticulated, beard bright golden yellow. Stems strong and vigorous, bearing large flowers of unusual substance and form. Each \$2.00.

Ballerine (48 inches)—"S" light violet blue; "F" a deeper shade. Very fragrant. The large flowers, 5 inches in height, are borne on strong, tall and slender spikes, are waved at the edge. Quite similar to Lord of June, but superior to it on account of its better keeping qualities. Early. Each \$1.00.

Chasseur (36 inches)—This is no doubt the finest yellow Iris of European origin. Very fine large flower of deep yellow, becoming lighter with age. Each \$1.50.

Crusader—42 inches. "S" light blue; "F" deep violet blue. The flowers are very large, broad-petaled and of great substance; they are freely produced. One of the best clear blues. Midseason. Each 75c.

Dejazet (24 inches)—"S" bronze rose with golden sheen; "F" reddish violet, the whole beautifully blended. Large, broad flower. Midseason. Each 25c.

Dominion—A wonderful Iris in a category of its own, and the forerunner of a new race on account of the extraordinary development of the fall. "S" Dauphin's blue or light bluish-violet, large, erectly held, well developed and slightly veined. "F" of exceptional substance expanding at the base to a deep rich indigo-purple velvet. Slight veining at throat; conspicuous orange beard; broad blue-green foliage. Each \$5.00.

BUTZER'S CHOICE IRIS

Florentine Alba—Large pure white with a trace of pale blue fragrant flowers. One of the earliest to bloom. Each 25c.

Her Majesty—"S" a lively rose pink; "F" bright crimson tinged a darker shade. Each 25c.

Ingeborg (12 inches)—This is unquestionably the finest early white Iris for general use. It is a gigantic flower with golden veining at the throat and a rich golden beard. The flowers are of good texture and held on stout erect stems. Each 25c.

Ioline—"S" lilac pink; "F" purplish old rose, with golden throat and yellow beard. One of the handsomest of the Iris family. Each 25c.

La Neige—24 inches. "S" and "F" pure glistening ivory white. The falls are carried stiffly horizontal, reminding one of a Japanese Iris. This is, in our judgment, the best of all whites. The flowers are borne well above the foliage and are of great substance. Late. Each 15c, 2 for 25c.

Lent A. Williamson—42 inches. "S" lavender violet; "F" velvety royal purple. This variety was awarded the highest rating in the recent A. I. S. Symposium. The flowers are of gigantic size; it is tall and luxuriant grower and the flowers are freely produced. Each 25c.

Leverrier (42 inches)—"S" light purple; "F" rich velvety pansy-violet. A magnificent Iris of vigorous growth, producing its mammoth flowers on tall branching stems. Each \$1.00.

Magnifica—44 inches. "S" light purple on white; "F" dark reddish purple. A fine, strong plant with branching stems close to 4 feet tall. Flowers of heavy texture, measuring 6 inches high; stands heat well. Very fragrant. Midseason. Each 75c.

Mother of Pearl (48 inches)—A pale bluish lavender flower of exceptional substance and a lustrous texture. A wonderful Iris, tall and vigorous in growth and free flowering. Each 50c.

Mme. Chereau—One of the most beautiful of its class. The flowers are pure white, with a broad and irregular border of clear blue, and are borne on strong upright stems that are often from two to three feet tall. Each 15c, 2 for 25c.

Mrs. Alan Gray—This is an old Iris with comparatively small size bloom, but the color is such a fine light shade of lilac-pink that it is valuable in our gardens. Each 25c.

Mrs. Walter Brewster (36 inches)—"S" lavender-blue; "F" aniline-blue. This was awarded the Mrs. E. Harding prize at Paris in 1921 as the most meritorious introduction of that year. As many as six flowers are open at the same time, some over 6 inches long. Each 50c.

Opera—28 inches. "S" Bishop's (red) purple; "F" purple violet. A wonderful coloring. Each 75c.

Oriflamme—"S" light blue; "F" violet purple; extra fine large flower. Flowers very large and handsome. A most desirable variety. Each 35c.

Pall da Dalmatica—One of the most beautiful of all these Irises. Perfectly hardy, strong grower and very free flowering. Exquisite shade of lavender-blue. Each 15c, 2 for 25c.

Pres. Thiers—"S" lavender blue; "F" deeper blue, white penciling. Each 15c.

Queen Caterina—40 inches. Pale lavender violet with orange beard. A strong grower; flowers large with domed standards and rounded, drooping falls. A splendid variety. Midseason. Each \$1.00.

Queen of May—"S" lilac pink; "F" lilac, blended with white; distinct. Each 25c.

Souv. de Mad. Gaudichaud—"S" and "F" rich deep purple. This is without a doubt the most beautiful of all the deep purple Iris. The plants are vigorous, the stalks are tall and the magnificent flowers, of great size, form and substance, are freely produced and well placed. Our stock is limited and early orders are requested. Early. Each \$1.00.

Wyomissing—"S" creamy-white, suffused delicate soft rose; "F" deep rose base, shading to flesh colored border. Midseason. This pink-lilac variety was a surprise to us when we saw it. Each 25c.

**BUTZER'S DOLLAR
COLLECTION
of 12 Choice Iris for \$1.00,
Postpaid**

We sent out several hundred of this grand Germanica collection of Iris last year, and, have had no complaints. This collection is not tagged, but, it is made up with the varieties of which we have a surplus, as it is almost impossible for us to gauge the number of Iris that we will sell. For those who are not particular to have the names, this collection will give the best of satisfaction.

Pallida Dalmatica foliis variegatis—This beautiful variety is conspicuous on account of its striking variegated foliage, which is of a glaucous green with broad bands of creamy-yellow, every leaf being well marked; it is of free growth, attains a height of 2 feet and is very attractive, even when not in flower, its blooms are of a clear lavender blue the same as its parent. 50c each.

JAPANESE IRIS

Japanese Iris are entirely hardy and are grown extensively for their truly glorious flowers. The Japanese Iris thrives best in cool moist situations and for that reason are used extensively for planting alongside of ponds and streams. They bloom profusely all during June and July. Order by number.

Each 25c

No. 1.

1. *Zama-No-Mori*—White tinted light blue, three petal.
2. *Yedo-Jiman*—Royal purple, three petal.
3. *Kumo-No-Obi*—Dark lavender blue, six petal.
4. *Wasi-Banri*—White shaded navy blue, three petal.
5. *Kyodasan*—Purple overlaid cerulean blue, six petal.
6. *Sano-Watashi*—Pure white with yellow halo, six petal.
14. *Hana-Aoi*—Grey veined navy blue, six petal.
15. *Uji-No-Sato*—Slate veined white and blue, three petal.
16. *Okubanri*—White penciled rich violet, three petal.
21. *Kuma-Funjin*—Purple overlaid dark blue, six petal.

Order by number as the names are good but hard for us.

**BUTZER'S JAPANESE
IRIS COLLECTION**

12 Assorted for \$1.50, Postpaid

These are Not Labeled

We have a wonderful collection of these beauties, some of which are almost as large as a dinnerplate. There are singles, doubles, selfs, mottled, and striped effects in soft tones and most brilliant colorings. Certainly a wonderful collection of Japanese Iris.

for \$1.50, Postpaid

IRIS

Dutch and Spanish—The graceful, slender stems, with loose but beautiful flowers, the charming colors producing a combination not surpassed by an orchid. The finest effects are produced when planted in clumps in the perennial borders.

Albert Cuyp—Standard white, falls lemon yellow.

Anton Mauve—Soft blue.

Cajanus—Canary yellow.

D. Haring—White.

Hart Nibbrig—Sky blue.

Imperator—Brilliant blue.

King of the Blues—Tall dark blue.

Rembrandt—Blue and yellow.

Yellow Queen—Pure yellow.

Price of the above, 10c each, 75c per doz., postpaid.

Spanish Iris Mixed—A fine mixture suitable for bedding and for cutting.

Per dozen 50c, postpaid

IRIS TINGITANA

The earliest and largest. Blue, falls lilac shading to cream, yellow stripe, very beautiful. Should be planted late and protected by a mulch or otherwise in severe climate.

Mother bulbs, each 40c, 3 for \$1.10.

No. 1 bulbs, each 25c, per dozen \$2.50.

USE PEAT

**FOR STORING DAHLIAS AND
OTHER TUBERS**

Dahlia and other tubers may be safely stored over Winter in Peat Moss. Place a layer of Peat Moss on the bottom of a box, basket or barrel. On this place a layer of tubers. Then add another layer, continuing until the container is full, having a thick layer of Peat Moss over the top. Kept in a cool place where the Peat Moss will not dry out, the tubers will keep perfectly until Spring. Where the material dries out it may be dampened moderately.

Mulch beds of Perennials, Shrubs, Strawberries, etc., in the Fall with Peat Moss. Work it into the soil in the Spring and then apply a mulch of fresh Peat Moss.

Price per bale, \$3.00

F. O. B. Portland

BUTZER'S HARDY LILIES

Lilies are New Delights for Every Garden

General Culture of Hardy Lilies

No garden is complete without Lilies and suitable varieties may be found for almost any situation. The fullest measure of decorative effect is secured when Lilies are used in combination with other plants and shrubs. Striking effects are produced by planting them among tall-growing perennials, in front of large shrubs, or among dwarf shrubbery, so that the blossoms may rise above its foliage.

Most Lilies will succeed in any light sandy or loamy soil, preferring an acid or a neutral soil. Plenty of leafmold or decayed peat should be added to the soil. An excellent mixture is one-third loam, one-third leafmold or peat or both, and one-third sand and good garden soil.

Good drainage is an essential point. The preparation of the soil should be such as to provide ample moisture during the growing period, but without having an excess of water during the dormant period. When planting the bulbs it is well to surround them with sand or fine gravel. This helps to drain away surplus moisture and tends to repel worms.

Occasionally some Lilies do not appear above the ground the first year after planting, but come up strong and vigorous the second season.

In cutting Lilies the lower part of the stem should be left, so that the bulb may complete its growth. To cut it to the ground injures and may destroy the bulb. Lilies should be protected from the frost by a light mulch of a covering of leaves, or granulated peat moss that is now so popular for this work.

Plant a few varieties and enjoy their beauty.

Auratum (Gold Banded Japan Lily)—This variety has ever been a great favorite. The flower heads are large, with broad petals gracefully recurved. White, thickly studded crimson-maroon, with a wide gold band down the center of each petal. Improves with age, and produces a vast amount of bloom.

Large bulbs, each 25c; doz., \$2.75, postpaid

Auratum Platypodium—This is without a question one of the most wonderful lilies in cultivation. The leaves are very long and broad and the stems attain a height varying from 7 to 10 feet. The flowers are similar in color to Auratum, but much larger. The golden band is not so pronounced and the dots are white; the petals more overlapping and of greater substance. The giant of the lily family.

Each 30c; doz., \$3.00, postpaid

Batemanniae—A beautiful Lily growing 3 feet high, with six to eight apricot colored flowers on a stem. Blooms early.

Each 25c; \$2.50, postpaid

Candidum (St. Joseph-Madonna Lily)—This is the ever-popular, fragrant, snow-white, hardy garden lily. The flowers are produced in clusters, at the top of 4 to 5-foot stems; blooms in the open ground in June. A very hardy and popular trumpet-shaped lily.

Each 30c; doz., \$3.00

Elegans—The number of forms and varieties is legion, varying in color from pale lemon-yellow to rich orange-brown, embracing various tints of orange to almost red and from soft apricot to approaching crimson. They also vary in flowering season. Stem-roots; plant 8 to 9 inches deep in sunny situation. June-July flowering.

Each 25c; doz., \$2.50

Hansonii—A very important and beautiful Lily that is easy to grow. It is perfectly hardy and very desirable for border planting, improving from year to year. One clump will often grow to enormous size, producing dozens of flower spikes, all crowned with clusters of finely reflexed blossoms 2 inches across. The color is a warm orange, faintly spotted brown. Each cluster will contain as many as twelve individual blossoms. It will grow from 3 to 5 feet tall and prefers a little shade. A very early bloomer (about June 25).

Each 25c; doz., \$2.50

BUTZER'S DOLLAR COLLECTION OF CHOICE LILIES

In this collection we offer you varieties at a low price that are especially suited.

- 1 AURATUM
- 1 BATEMANNIE
- 1 ELEGANS
- 1 RUBRUM
- 1 TIGER Single
- 1 REGALE

\$1.00
POSTPAID

KRAMERI

This is one of the few pink lilies, and a very lovely thing, of a color so unusual that it is worth taking pains with. It should be planted rather deep, fully eight inches. The funnel shaped, finely formed flowers are six inches or more in length, of a beautiful clear pink color, often shaded blush.

Each 30c

Longiflorum (Giganteum)—of grand size and substance; especially fine for open ground. Plant in early December for Easter blooming. Mammoth bulbs, each 35c; doz., \$3.50. Large bulbs, each 30c; doz., \$3.00

Regale (Myriophyllum)—The most vigorous and satisfactory Lily that has ever come under our observation. Perfectly hardy, of medium height, often bearing five to eight large handsome blooms. The color is white, the outer petals shaded in varying amount with pink, the throat suffused primrose-yellow, and fragrant.

Each 30c; doz., \$3.00, postpaid

Special small but blooming size bulbs at 10c each, \$1.00 per doz.

REGALE LILY SEED

The seed can be sown in flats at any time giving the same treatment as Tomato seed, and lined outside in rows about four inches apart as soon as the weather permits. These will do well in any soil with good drainage and will give you blooming size bulbs the second year. Try a package. The results will please you.

Pkt. 25c; 5 pkts., \$1.00; ½ oz., \$1.00; oz. \$1.50

Speciosum Magnificum—Similar to *Melpomene* but more vigorous and blooms earlier. Each 25c; doz., \$2.75

Speciosum Melpomene—Has deep carmine flowers spotted blood red. Each 25c; doz., \$2.75

Speciosum Rubrum—White with dark rose spots. The most popular of the speciosum varieties. Hardy, vigorous, and free bloomer.

Large bulbs, each 25c; doz., \$2.75

Tenuifolium (Siberian Lily)—A beautiful dainty red Lily for the rock garden. 25c each

Tigrinum Splendens (Improved Single Tiger Lily)—Has very large flowers of excellent form, color orange-salmon, with dark spots; hardy and a free bloomer.

Large bulbs, each 20c; doz., \$2.00

Tigrinum Flore Plena (Double Tiger Lily)—This magnificent lily is of stately habit, bearing immense clusters of very large, double flowers, nodding on tall, strong stems; color bright orange-red spotted with black.

Each 25c; doz., \$2.50

Washingtonianum (Mt. Hood Lily)—A beautiful lily, native of Oregon; flower large of open form, white, tinted with lilac, grows 3 to 5 feet high; very fragrant.

25c each



WHITE AND LIGHT VARIETIES

8-7 Avalanche (Albatre)—A magnificent flower which opens like a rose. Pure white with a few penicils of carmine on the edge of center petals. Fragrant; crown type; late midseason. An old variety, but one that will stand comparison with anything there is. **Each \$1.00**

9-0 Baroness Schroeder—A beautiful delicate flesh, changing to white. Of immense size and great substance. A lovely variety which grows vigorously and blooms profusely. **Each \$1.50**

8-0 Boule De Neige (Calot)—Semi-rose type, light triyan rose with silvery border, guards center flecked crimson. Early. **Each \$1.00**

8-1 Couronne D'Or—Large full globular flowers with imbricated petals, beautifully arranged. Color snow white flushed with golden yellow. **Each \$1.00**

8-1 Duchess De Nemours—Chaste and beautiful snowy white flowers of exquisite form and good size. Fine upright grower and free blooming. One of the finest. **Each 75c**

9-3 Festiva Maxima—Large globular flowers. Pure white, with the center flecked crimson. The blooms have a fine fragrance. A tall, strong and vigorous grower. Blooms very early and is used extensively for cut-flowers. **Each 75c**

8-9 James Kelway—Exquisite white with a golden glow at base of petal. Sometimes semi-double. Very tall and strong and very fragrant. Early mid-season. **Each \$3.00**

7-9 Mme. De Verneville (Crousse)—Bomb type; pure white, carmine flecks. **Each \$1.00**

9-4 Mad. Jules Dessert—Very large flat flowers; color pure white overlaid with a sheen of delicate blush with a pronounced pink center, intermixed with golden stamens; rose-type flower; midseason. One of the most beautiful peonies in existence. **Each \$4.00**

9-7 Solange—Fine double flowers of a beautiful shade of blush-white with a salmon center. Very large. **Each \$5.00**

9-4 Tourangelle—Pearl-white, overlaid with delicate shades of golden-brown; flowers of unusual size, flat, borne on long stems. Must be well established to get best results. Exquisite in its color tints if shaded from the heat of the sun when opening. **Each \$4.00**

RED AND CRIMSON SORTS

8-4 Felix Crousse—Large globular flowers of a dazzling ruby-red. Of strong habit; medium height. It blooms freely and is the best red Peony. Excellent for cutting. **Each \$1.00**

8-2 Grover Cleveland—Rose type; late. Rich dark crimson; a strong grower and very conspicuous on account of its rich color. **Each \$2.00**

8-8 Karl Rosenfield—Very large globular flowers of a brilliant dark crimson. Makes a wonderful show. **Each \$1.50**

PEONIES

Peonies, especially the modern introductions, are probably the most valuable, and most beloved of all perennial plants. Planted in sun or semi-shade, in single clumps or long beds; or bordering lawns, shrub rows, and carriage drives, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage which is very ornamental during summer months. They are also most effective for home and table decorations, and last longer in water than many other perennials. Avoid buying cheap Peonies, they require just as much care as the better kinds, and are disappointing in the end.

Planting. Peonies may be planted only in the fall. Orders should be sent in at once so that we can forward when weather permits. Avoid planting too deeply, as this is often the cause of shy blooming; 2 or 3 inches of soil over the crown (eyes) being sufficient.

LIGHT and DARK PINK and ROSE

7-6 Edulis Superba—Large loose flowers of an attractive deep rose-pink. Early, vigorous, and free blooming. The lovely flowers have a charming fragrance. Each 75c

8-3 Eugenie Verdier—One of the finest, if not the finest; flowers very large and strong, 3 to 4 feet stems; color a fresh, delicate hydrangea-pink with primary petals lighter, center flushed crimson. **Each \$1.50**

9-0 La France—Soft appleblossom-pink, deeper at the base of petals; very fragrant. Flowers of largest size, globular, perfectly double; rose type. A strong, erect grower. A most desirable variety. **Each \$5.00**

9-1 Lady Alexandra Duff (Kelway)—This variety is one of the finest of the Kelway productions; very broad petals lighter, centre flushed crimson. **Each \$1.50** medium and stems upright. The true variety is a strong grower in every way. Mid-season. **Each \$4.00**

Lady Bramwell, also known as Dr. Bretonneau (Verdier)—Pink of fine form. Early, very fragrant; a good cut flower. **Each 75c**

8-1 Livingstone (Crousse)—Compact, rose type; pale lilac-rose with silver tips, center petals flecked crimson. **Each \$1.50**

8-7 Reine Hortense (Calot)—Very large, compact, semi-rose type; uniform hydrangea pink, minutely splashed on a white background, with the center prominently flecked crimson. Produces fine flowers the first year from planting. When picked in bud will last for two weeks. A fine cut flower. **Each \$2.50**

9-0 Sarah Bernhardt—The fragrant flowers are a bright apple-blossom pink. The flowers are remarkably large and are always fully double. It is a very free bloomer. **Each \$2.50**

9-8 Therese—A midseason variety of the rose type. The color is rich silky satiny pink. Makes a strong, sturdy growth and bears an abundance of flowers. **Each \$5.00**

Walter Faxon—Semi-rose type; midseason. A free bloomer; a wonderful color, bright delicate rose; a strong grower. One of the best rose pinks; very scarce. **Each \$5.00**

DOUBLE PEONIES IN MIXTURE

Double Pink
Double Red
Double White
Double—All Colors Mixed } 50c each, \$5 per doz.

RED AND CRIMSON SORTS

8-8 M. Martin Cahuzac—Medium sized, globular, semi-rose type. Dark purple-garnet with black reflex. The darkest peony known. Strong, vigorous grower; free-bloomer; midseason. **Each \$3.00**

Officinalis Rubra Plena—This is the old-fashioned red, the most brilliant of all red peonies; early and splendid cut-flower. **Each 75c**

20% Discount on 3 or over

PERENNIAL FLOWER SEEDS

FOR FALL SOWING

With our mild weather here in the Northwest, it is best to sow the Perennials early in the Fall. This will give you nice plants when wanted early in the Spring with very little care.

*ACHILLEA (Milfoil. Yarrow)

Achilles are of easy culture and grow in any good garden soil. They are useful for the border, wild garden or shrubbery; also for cutting.

The Pearl—2 ft. June to August. Pure white, fine for cutting; blooms all summer. Per pkt. 15c

*ACONITUM (Monkshood)

Do not plant near vegetable gardens. Roots are poisonous. Bold spikes of hood-shaped flowers, valuable for cutting; very effective in flower borders and shrubberies, thriving anywhere.

Napellus—2½ ft. August. Fine rich blue flowers. Per pkt. 10c

*ADLUMIA (Allegheny Vine)

Cirrhosa—15 ft. The feathery foliage is like the Maidenhair Fern. Delicate rose pink and white flowers cover the plant. Per pkt. 10c

*ADONIS

Vernalis—18 in. May. Large star-shaped yellow flowers. Per pkt. 10c

*AGATHEA

Coelostis (Blue Daisy)—Flowers sky blue with yellow disk; easy growth. Per pkt. 10c

*AGROSTEMMA (Coronaria)

Rose Campion—One of the most attractive of the hardy perennials. Blooms the first season from seed, producing pretty pink-like blossoms on long slender stems. Fine for both mass planting and for bouquets. Height about 18 inches. Per pkt. 10c

*ALSTROEMERIA

Aurantiaca—Belongs to the Amaryllis family, quite hardy, flowers orange color streaked with red. A well established plant will produce five to six flower stalks carrying ten to fifteen blooms. Pkt. 25c

ALYSSUM

*SAXATILE COMPACTUM

(Basket of Gold)—1 foot. May-June. Producing masses of golden flowers very early. May be planted effectively with Arabis. Per pkt. 10c; ¼ oz. 40c

*ANCHUSA

Italica, Dropmore Variety—5 ft. June-July. Beautiful gentian blue, flowers one of the best perennials. Per pkt. 10c

Capensis—Annual blue. Per pkt. 5c.

*ANEMONE (Wind Flower)

Very pleasing hardy plants for the herbaceous border. Fine large flowers, few plants compare with them in beauty. Excellent for bouquets and table decorations.

Coronaria (Poppy Anemone)—Mixed. June 10 in. Per pkt. 10c

St. Brigid's Strain—May-June. Double and single mixed. 12 in. A beautiful selection of the Coronaria varieties in a wonderful array of colors. Per pkt. 10c

Pulsatilla—1 ft. April-May. Well adapted for rock-work or border flowers, varying from lilac to purple. Per pkt. 10c

Pulsatilla Rubra—6 to 9 in. April-May. Dark red with erect flowers. Per pkt. 10c.

*ANTHEMIS (Marguerite)

These hardy Marguerites are most satisfactory perennials, succeeding in the poorest soil. The flowers are yellow.

Kelwayi (Hardy Marguerite)—2 ft. Daisy-like yellow blossoms, produced all summer. Excellent for cutting. Per pkt. 10c

*AQUILEGIA (Columbine)

Charming hardy perennials growing from one to three feet high, bearing in countless numbers through May and June their exquisite blossoms of clear blue, white, rose, yellow, purple, striped, etc. For planting in permanent borders or naturalizing along the edges of woods or shrubbery this old-fashioned favorite is one of the best of all hardy plants.

LONG SPURRED HYBRIDS

The flowers are very large and distinct shades of blues, lavenders, mauves, whites, creams, pinks, reds, yellows, etc. Many of these colors being entirely new in the species and are the result of very many years' careful hybridization. Per pkt. 15c

Mrs. Scott Elliott's Strain of Long Spurred Hybrids (Seed from the originator.)—This strain is allowed by the Royal Horticultural Society to be the best ever raised, and has received awards whenever exhibited. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. There are no jarring or crude tints, and the whole form a most harmonious mass of coloring seldom seen in other flowers. Per pkt. 25c

Canadensis (Turk's Cap)—handsome scarlet and orange flowers. Per pkt. 10c

Chrysanthia—3 ft. Yellow, long spurred. Pkt. 10c

Coerulea (Rocky Mountain Columbine)—3 ft. One of the most beautiful of our native American flowers. Sepals, deep blue; petals, white. Per pkt. 10c

Coerulea Rosea (Rose Queen)—2½ ft. Beautiful flowers of light to dark rose with white center and yellow anthers, a most delicate combination of colors. Per pkt. 25c

Farquhar Pink—Very fine. Per pkt. 10c

Vulgaris Double Mixed—Per pkt. 10c. Single Mixed—Many varieties. Per pkt. 10c

Double Mixed—Per pkt. 10c.

BUTZER'S SPECIAL MIXTURE

includes all the above mentioned varieties and many new colors not found in any named collection. Pkt. 25c

*ARABIS (Rock Cress)

Charming dwarf spring-flowering plants of easy cultivation; valuable for beds, edgings. They do well in any soil, but need plenty of sun.

Alpina—6 in. A most useful hardy perennial for spring bedding and rockeries. Early in the spring the pure white flowers make a pleasing contrast in beds and borders with Alyssum saxatile. Pkt. 10c

ARMERIA (Thrift Sea Pink)

Grand plants for crevices of wall and rocks, and also for growing in flower borders or as permanent edgings; excellent plants for the sea coast. June-July.

Formosa—9 in. Pretty rose pink. Grand for borders. Pkt. 10c.

Lauchaea—6 in. June-August. Crimson flowers. Deep green tufty foliage. Per pkt. 10c.

Maritima—3 to 6 in. May-June. Silvery pink flowers. Per pkt. 15c

*ARENARIA (Sand Wort)

A fine plant for shady place in rock garden.

Montana—White.—Pkt. 25c.

*ASPERULA

Odorata Woodruff or Waldmeister. An herb whose leaves are used in making beverages or when dried used to lay among linens. 6 to 8 in. Also useful for carpeting, shady places and for edgings. Per pkt. 10c

*ASTERS PERENNIAL

Hardy Perennials, of much beauty in the autumn days. Less showy than the Chrysanthemum, they are more refined in color and form. Easy to cultivate and fine for cutting.

All Sorts Mixed—Extra fine, from a splendid collection; sown early in spring, they will flower the same year. Per pkt. 10c

USE PEAT MOSS NATURE'S \$3.00
SOIL IMPROVER Per Bale

PERENNIAL FLOWER SEEDS—Continued

*ASTER (*Alpinus*)

Now fill a most important place in all hardy flower gardens, lighting up the borders and shrubberies with their masses and clouds of dainty and brightly colored blossoms throughout the autumn months up to November, when other flowers are scarce.

Alpinus Goliath—Large, soft blue. Pkt. 20c.

Alpinus Nix—Light blue, star-shaped. Pkt. 15c.

*AUBRIETIA

Large-Flowered Hybrids. The beautiful mauve spring bedding plant makes the garden so gay in the early months of the year. Aubrietas produce great masses of bloom and are charming companions of Yellow Alyssum and White Arabis. Grows well from seed. Sow in June and plant out in autumn where required for flowering in spring. A valuable strain including a wide range of many unusual colors which cannot be fixed and offered separately. Height 6 inches. Pkt. 25c

*AURICULA

These are among our most delightful spring flowers. They require partially shaded location.

Auricula—6 in. Flowers in early spring in colors of yellow, brown and red. Per pkt. 25c

BABY BREATH (See *Gypsophila*)

BELLIS—See Daisy

*BOCCONIA

Cordata (Plume Poppy)—5 ft. A handsome border plant, having large lobed heart-shaped leaves with silvery undersurface, and flower plumes of a pretty cream color. Per pkt. 10c

*CALAMINTHA

Alpina—6 in. A very graceful little rock plant, spreading tufts of pretty foliage, spangled with lavender blue flowers. Per pkt. 25c

*CAMPANULA (Canterbury Bells)

Bellflower—Well known, beautiful, hardy herbaceous perennials, bearing a great production of attractive bellflowers; thrives best in light, rich soil; some of the varieties flower the first season if sown early.

Single Finest Mixed—All colors. Pkt. 5c

Carpathica—Single Blue, grows 1 ft. high; compact; good for borders. Pkt. 5c

Double Blue, White, Rose or Mixed—Pkt. 10c.

Campanula Calycanthema—Cup and Saucer—Rose (delicately rosy-pink). Pkt. 10c; White (pure white), Pkt. 10c; Blue (a fine clear shade). Pkt. 10c; Mixed (all colors), Pkt. 5c; Striped (white, striped blue), Pkt. 10c.

Persicifolia, Mixed (Peach Bells)—Beautiful bell-shaped flowers which come in colors of blue and white. Pkt. 10c

Pyramidalis, Blue (Chimney Bellflower)—Rich blue saucer-shaped flowers; 18 inches high. Pkt. 10c

Pyramidalis, White—A pure white form of the above. Pkt. 10c

Make your own collection—See page 13

*CANDYTUFT (Perennial)

Dwarf evergreen plants, 6 to 10 in., covered with blossoms in spring and early summer. Excellent for rockeries or borders where bright dwarf masses are wanted.

Gibraltarica—Pinkish white. Per pkt. 10c

Sempervirens—Flowers form a sheet of whiteness. Per pkt. 10c

*CARNATIONS

A half-hardy, perennial, used generally for greenhouse florist's trade in winter and for a general garden favorite in summer. There are a large number of varieties and colors, but the early flowering mixtures are recommended for out-of-door culture. Sow the seed early in the year and transplant in March or April.

Chabaud Mixed—A remarkable strain raised by a Carnation specialist. Blooms in 5 months after being sown, and continues to flower indefinitely in the greatest profusion. Pkt., 100 seeds, 15c

Chabaud Double Dark Red. Pkt. 15c.

Chabaud Double Scarlet. Pkt. 15c.

Chabaud Double White. Pkt. 15c.

Chabaud Double Yellow. Pkt. 15c.

Finest Double Mixed—Saved from extra fine flowers. Pkt. 25c

Engleman's—We believe that there is no better carnation than this, over 80 per cent will be double and is a perpetual bloomer. Mixed, per pkt. 25c

*CENTAUREA (Perennial)

A dry, sandy soil of moderate fertility, seems to suit them best, keeping up a profusion of bloom all summer.

Montana Blue—Large-flowered perennial Corn-flower. Pkt. 10c

Montana alba—White. Pkt. 10c

*CERASTIUM

Tomentosum (Snow in Summer)—4 in. Silvery white foliage, covered with snow-white flowers in early summer. Per pkt. 15c

*CHEIRANTHUS

Allionii—1 ft. Fine rock or border plant with orange flowers. Pkt. 10c

*CHELONE

Long coral-red spike like a pentstemon. *Hybrida, Mixed* (Turtle Head)—3 ft. July and August. Allied to Pentstemon; throws out long spikes of brilliantly-colored flowers. Pkt. 10c

COLUMBINE (See *Aquilegia*)

COREOPSIS (Tickseed)

One of the most popular hardy plants, the flowers are a rich golden yellow of a beautiful graceful form and bloom June to October.

Lanceolata Grandiflora—2 ft. Large orange-yellow flowers on long graceful stems. About the best yellow cut flower blooming incessantly. Pkt. 10c

COREOPSIS (Double)

Lanceolata Grandiflora Fl. Pl. (Double Flowering Coreopsis)—This now double and semi-double form is just as easy to grow as the single and the extra petalage adds a further charm to the flower. Pkt. 25c

*CRUCIANELLA

Stylosa—Tangled masses of elegant foliage, with crowned heads of light red flowers. Pkt. 15c

*DAISY

Daisies, or *Bellis Perennis*—Plants of Double Daisy will bloom the first summer and will continue to bloom for years if given slight protection during the winter. They are very pretty when in bloom, and deserve to be grown much more than they are. They commence blooming in April and continue to bloom until summer. They are not very particular as to soil, but should be grown where they have partial shade.

Double Pink. Pkt. 10c.

Double Rose—Finest strain. Pkt. 10c.

Double White—Clear white. Pkt. 10c.

Double Mixed—Shades of rose and white. Pkt. 10c.

SHASTA DAISY

A fine perennial plant bearing large white single blossoms, with yellow centers; an excellent cut flower and admired everywhere. Soak seed in warm water over night before sowing.

Pkt. 10c

*DELPHINIUM

Delphinium—Hardy Larkspur. Very decorative border plants ranging in height from the 18-inch *Cashmerianum* to the stately *Hybrids*, 5 to 6 feet tall, whose side shoots flower after the main spike has finished, thus prolonging the blooming period. If the flower spikes are removed as soon as they fade, new ones will continue to appear, at intervals all summer. The colors run from pure white to darkest blue. Some varieties have a black center, others show a pleasing contrast, in shades of blue, between the inner and outer petals. Stake all varieties when 18 inches high to prevent them from blowing down.

Butzer's Portland Hybrids—This mixture is a wonder. The plants are strong and vigorous. The flower spikes are tall and graceful, covered from bottom to top with the most beautiful hollyhock like flowers. The colors are from the palest lavender to the richest blue, some with white centers, others with black, reminding one of bees at work.

Rose City Hybrids—This strain is especially grown, the seed being saved from selected plants. Many of them are double flowered, and range in color from pale lavender to indigo-blue.

Pkt. 15c

Belladonna—Light Blue. 2 feet. Flowers exquisite shade of turquoise blue.

Pkt. 15c

Belladonna—Dark Blue. Pkt. 15c.

Chinese Album—White. Pkt. 5c.

Cardinale—Brilliant scarlet. Pkt. 5c.

Chinese Dark Blue. Pkt. 5c.

Chinese Blue Butterfly. Pkt. 5c.

Finest Mixed. Pkt. 5c.

DIANTHUS—See Pinks.

PERENNIAL FLOWER SEEDS—Continued

*EDELWEISS

Leontopodium Alpinum—4-12 in. June-July. The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silver white and star-shaped. Succeeds in almost any soil with full exposure to sun. Per pkt. 25c

*ERIGERON (Flea Bane)

Valuable summer flowering plants with elegant single aster-like flowers, much prized for cutting.

Elatier Speciosus Hyb. Grandiflorus—Large flowers, rich purple. Pkt. 20c

Elatier Grandiflorus.—Rosy. Pkt. 20c.

*ERINUS

Alpinus—Pretty rosettes of foliage and racemes of rosy purple flowers. A first rate rock plant and also invaluable for establishing on old walls or between steps. 4 in. May-June. Per pkt. 35c

*ERODIUM

Manescavi—Handsome dwarf perennial, producing an abundance of small *Pelargonium* flowers, bright crimson-purple, delicate fern-leaved foliage. 18 in. June-Aug. Seeds, 15c per pkt.

*ERYSIMUM

Pulchellum (Fairy Wallflower)—A new dwarf species forming close mats of dark green, later eclipsed with yellow bloom. Sandy soil. Per pkt. 15c

*FOXGLOVE (Digitalis)

Digitalis—A hardy perennial, blooming the second year from seed. Grows usually about 3½ feet, although in very rich soil sometimes 6 feet. The bell-shaped flowers are borne on long spikes, and come in shades of purple, lavender, rose and white, all spotted lightly inside the blossoms. Thrives best in cool, shady locations. Fine Mixed. Pkt. 5c, oz. 50c

Gloxiniaflora. The Shirley—A magnificent strain of the highest beauty, the results of many years of careful re-selection by the Rev. W. Wilks in his famous garden at Shirley; growing 5 to 7 ft. high, the 4-ft. long inflorescences bearing enormous flowers ranging from pure white to the deepest rose, and wonderfully blotted and spotted dark maroon, crimson and chocolate. Pkt. 25c

GAILLARDIA (Blanket Flower)

Both the annual and perennial varieties of Gaillardia are very showy and free bloomers all summer long until frost; good in any situation and easily grown. The individual flowers are of large size, very durable, and most brilliant in color; fine for bouquets. 2 to 3 ft.

*GAILLARDIA (Grandiflora)

Dazzler—Large flowers up to 5 inches across, bright golden yellow with rich maroon red center, fine for cutting. Pkt. 25c

Portola Hybrids—The plant is of strong, vigorous, erect habit of growth, from 2½ to 3 ft. high; the stems are strong, and stiff, holding the flowers erect; these are of large size, nearly 4 inches in diameter, the petals being very broad and overlapping, of great substance, and spread out flat, forming a very regular flower; in color a brilliant scarlet with coppery hue which is intensified by the golden yellow with which each petal is heavily tipped. Comes about 50% true from seed. Pkt. 25c

Stand-Holder—Large flowers, more or less yellow bordered, and with lighter or darker red wings around the center. The petals are broad but occasionally tubular with an inclination to doubleness. Blooms early and the stems are stiff and long. Pkt. 25c

Grandiflora (Perennial)—A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort. Pkt. 10c, oz. 50c.

*GEUM

Handsome hardy perennials; bloom freely all season; fine for bouquets. 1½ ft.

Mrs. Bradshaw—A brilliant scarlet-cardinal flower the size of a large carnation, which it somewhat resembles. Pkt. 10c

Lady Stratheden—Flowers rich golden yellow. Pkt. 25c

*GLOBULARIA (Globe Daisy)

Shrubby plants for the hardy garden or rockery, producing fluffy balls of blue flowers during the summer. They all require light soil in a warm, sunny position.

Trichosanthes—Dark blue. 12 in. Pkt. 20c.

GYPSOPHILA

Graceful plants of light fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases.

Paniculata Flore Pleno (Perennial)—A great improvement on the single-flowered type and more lasting, the flowers forming miniature balls of white petals. Not quite fixed, but about 25 per cent come true. The plant is difficult to propagate by division, and seedlings prove much more vigorous. Pkt. 10c

Repens—Dwarf white, fine for rockery. Pkt. 15c.

*HELENIUM (Sneezewort)

Late-flowering, hardy perennials; broad heads of elegant, golden-yellow flowers; fine for cutting. 5 to 6 ft.

Autumnale superbum. Pkt. 10c.

*HELIANTHEMUM

Mutabile (Rock Rose)—Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. Pale rose changing to lilac then to white. 8-12 in. Excellent for rockeries. Mixed colors. Pkt. 10c

*HEUCHERA (Coralbells)

Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored flowers; most striking in the garden and light and graceful for cutting.

Sanguinea Hybrida Grandiflora—New large flowered hybrids, very fine. Per pkt. 25c

HIBISCUS (Rose Mallow)

Noble shrub-like plants, with handsome green foliage, bearing throughout summer large bright flowers, from 3 to 5 inches in diameter. Very hardy. Suitable for garden and indoor use when cut.

Golden Bowl—Deep cream, with a velvety maroon center. Pkt. 10c.

Mixed Mallow Marvels—Grand assortment. Pkt. 10c.

*HIERACIUM

Villosum (Shaggy Hawkweed)—12 in. July. Plant is covered with a white silkiness effective for its large golden yellow flowers and silvery foliage, suitable for rock work.

Seeds, per pkt. 15c

*HOLLYHOCK

A hardy perennial of upright, stately growth, five to eight feet high. The very double varieties are the most desirable, but the newer, semi-double, fringed types are also very popular. Hollyhocks make a fine row in the garden, or a fine background next to a building or high wall or fence.

Allegheny—Mixed. The semi-double, fringed variety. An artistic and pretty sort. Pkt. 15c.

Double Varieties—White, Maroon, Rose, Scarlet, Salmon, Yellow, Crimson, Blood-Red. Each color, pkt. 15c.

Newport Pink—The finest pure pink, exquisite shade Pkt. 10c.

*INCARVILLEA

Grandiflora—Likes a sunny situation, spikes of elegant *Gloxiniiflora*-like flowers. Finely cut foliage. Pkt. 10c.

*INULA

Ensifolia—9 in. July-Sept. Vigorous plant and a continuous bloomer with large yellow aster-like flowers and rather coarse foliage.

Per pkt. 25c

*LATHYRUS LATIFOLIUS

(Hardy Pea)

Very decorative climbing vines of the Pea family, for growing on fences, trellis, etc., as floral screens and for cutting. Blooms all summer.

Pink Beauty—Pale pink variety. Pkt. 10c.

Rubra—Bright, rosy crimson. Pkt. 10c.

White Pearl—Large-flowering white. Pkt. 10c.

Mixed—The above colors. Pkt. 10c.

PERENNIAL FLOWER/SEEDS—Continued

*LILIUM REGALE

The Regal Lily—It is absolutely hardy, and is excellent for forcing. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy, oppressive odor of most lilies. Blooms out of doors early in July, and seedling bulbs will flower the second year. Lift the bulbets in fall and replant to greater depth in their permanent location.

Pkt. 25c; 5 pkts., \$1.00; ½ oz. \$1.00; oz. \$1.50

*LINARIA (Toad Flax)

Showy free-flowering plants of a trailing habit. Good for borders, window boxes or rockeries.

Cymbalaria (Kenilworth Ivy)—3 in. Dainty lilac and orange; flowers throughout summer; trailing habit.

Per pkt. 10c

*LUPIN (Perennial)

Most beautiful hardy border plants producing tufts of soft green foliage, from which arise in continuous succession the stately spikes of bloom.

Polyphyllus (Old-fashioned Garden Lupin)—Blue. 3 ft. Stately spikes of blue, flowers all summer. Pkt. 10c.

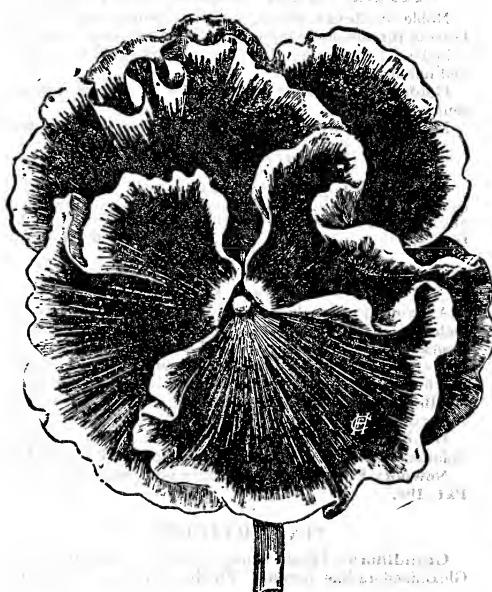
Albus—Large pure white spikes. Pkt. 10c.

Roseus—4 ft. Light and dark rose flowers on long stem; fine for cutting. Pkt. 10c.

Mixed—Splendid value. Pkt. 10c.

*LYCHNIS

Alpina—Close tufts, olive green foliage, clusters of rose colored flowers. Pkt. 20c



PANSY

For spring plants the seed may be sown broadcast from July to September. Cover the seed very lightly with fine soil and press in with a board; then mulch the seed bed with long, loose, strawy manure, to a depth of 3 or 4 inches. The seed will be up in about 10 to 15 days; then remove the straw a little at a time. Transplant the seedlings to beds or frames in September or October and after a sharp frost, late in November or early in December, provide a light or loose mulch of hay, straw or litter. The seed may also be sown indoors in January or February; or in spring in the open ground, in a shady cool spot, where the plant can be protected from the strong mid-day sun. The soil should be very rich and liberal applications of bone meal should be given from time to time.

BUTZER'S GIANT MIXED PANSIES

This seed produces the largest, richest and best formed flowers of any we have ever offered, and we believe, from our own trials, there is no better pansy mixture to be had anywhere or at any price.

Pkt. 10c; ½ oz. 35c

BUTZER'S ROSE CITY GIANTS

The plants distinguish themselves by their robust growth, and form compact bushes of round shape, with strikingly large, healthy looking foliage.

The imposing five-spotted flowers which on long, vigorous stalks surmount the foliage in the most graceful manner, are of enormous size, perfectly round form, original structure, and unusual substance. The individual petals are exceedingly broad and cover each other in such a manner as to make the flowers appear almost double. With most of the flowers the border of every petal being conspicuously undulated and curled, which grants the flowers a striking and very peculiar appearance, entirely new to this class of plants.

The beauty, brilliancy and richness of color being the most striking; also very rare and new tones of red and brown are met with in these flowers. Pkt. 25c

AUREOLA

The lower three petals of rose, carmine or purple-red ground-color, with very effective large dark-spots; the upper two petals of lighter coloring, whitish to yellow, with rose to dark red border; a charming mixture of colors. Pkt. 10c

BUGNOT'S GIANT SPOTTED

Very large and magnificently colored, extra fine quality. Pkt. 10c

BUTZER'S MAMMOTH FIVE BLOTTCHED from named varieties. The immense flowers of this class resembling Cassier's but being of almost double the size, full round form and comprising the most magnificent colors. Pkt. 10c

CASSIER'S SUPERB STRAIN

Very large, well-formed, beautifully blotched flowers in the greatest variety of colors, extra fine. Pkt. 10c

MASTODON

Mastodon—A mixture of Pansies, unrivaled for diversity of coloring and marking. This mixture is made up from over 100 of the finest named varieties grown by Pansy specialists of the Old and New World. In making up this mixture, expense is not regarded. Our aim is to possess the finest mixture of Pansies obtainable. We have never seen its equal. The diversity of coloring and marking is almost beyond belief. We will cheerfully return money paid for this mixture to any one who says it is not the finest they ever saw. Pkt. 10c; ½ oz. 75c

TRIMARDEAU PANSIES

The Trimardeau is a superior race of robust, deep-rooting plants bearing fine large flowers of the great variety of colors. We have discarded all other separate colored pansies for the Trimardeau strains, as we know they are the most satisfactory.

Giant Trimardeau—Mixed. Pkt. 10c; ½ oz. 25c.

MASTERPIECE

Masterpiece (Frilled Pansy).—A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. ½ oz. 70c; pkt. 10c.

PANSIES IN SEPARATE COLORS

Azur blue, Sky Blue. Pkt. 10c.

Beaconsfield—Lavender, heliotrope and purple. Pkt. 10c

Cardinal—Brilliant red. Pkt. 10c.

Golden Gem—Pure yellow. Pkt. 10c.

Golden Yellow—Dark eye. Pkt. 10c.

King of the Blacks or Faust—Velvety black. Pkt. 10c

Mad. Perret—Lovely shades of pink and rose. Pkt. 10c

Peacock—Blue with white edge. Pkt. 10c.

Snow Queen—Pure white. Pkt. 10c.

Victoria—Nearly scarlet. Pkt. 10c.

Volcano—Deep red with five large blotches; very fine. Pkt. 10c.

PENTSTEMON

Flowers resemble gloxinias in shape; mottled in crimson, pink, blue and white. Mixed. All varieties. Pkt. 5c

***PHLOX (Hardy)**

(Decussata.) Perennial varieties mixed from a celebrated collection. Seed slow in germination and may not sprout in a year. Pkt. 10c

***PINKS (Hardy)**

These very desirable sweet-scented, low-growing, early-blooming and free-flowering Hardy Garden Pinks are unequalled for the borders of beds, drives, and the old-fashioned garden and should be planted in quantity in any good garden soil with full sun and an open situation.

Allwoodii—A new race of hardy plants belonging to the Dianthus family. It makes an ideal pot plant. The flowers are about 75 per cent double and appear in all colors except yellow. The single flowers are quite as handsome as the double and have the advantage of making larger clusters. It is exceptionally hardy, commencing to flower in early spring and continuing through summer and fall. Pkt. (25 seeds) 50c

Caeusius (Cliff Pink)—Flowers delicate rose color. fragrant. 1 ft. or less. Seeds, per pkt. 25c

Deltoides (Maiden Pink)—6 in. Beautiful little plant with narrow leaves, with a profusion of small flowers during July and August. Per pkt. 25c

***HARDY PERENNIALS or CLOVE PINKS**

Hardy Perennials, or Clove Pinks (Plumarius)—Scotch or Grass Pink. When treated like an annual, if seed is sown in March, the plants will bloom the first year. The delicately fringed, variously colored flowers are fragrant, attractive and fine for bouquets. Pkt. 10c

POPPIES PERENNIAL VARIETIES

Perennial poppies do best in rows one and one-half feet apart and one foot apart in the row. Seed may be sown outdoors either in spring or fall.

Alpine Mixed—6 in. A charming miniature poppy with brilliantly colored flowers including white, pink, apricot, yellow or orange-scarlet, etc. Useful for rock-work. Per pkt. 35c

Oriental Hybrids Mixed—A choice mixture of Oriental Poppies in shades of white, salmon, orange, scarlet and crimson. Pkt. 10c

Oriental Scarlet—Pkt. 10c.

We do not furnish seed of the opium poppy.

Nudicaule (Iceland Poppy)—15 in. Mixed. Elegant free flowering plants bearing flowers in abundance all summer. Pkt. 10c

Nudicaule Yellow, Orange, White—Any color. Pkt. 10c

***PRIMULA (Primrose)**

Exceedingly fine, free flowering plants for both bedding and greenhouse use, producing clusters of brilliant colored flowers indoors from November to May; hardy varieties continually in bloom.

Primula Malacoides (Baby Primrose)—This variety is extensively grown for winter blooming. The small lavender-pink flowers are borne in great profusion. Pkt. 15c; 2 pkts. for 25c.

Primula Malacaides Mixed—Pkt. 15c, 2 for 25c.

Veris Polyanthus Mixed—An extra choice large flowered mixed strain. Pkt. 10c.

Veris Acaulis Mixed—Pkt. 10c.

Vulgaris (English Primrose)—Canary yellow, fragrant. Pkt. 15c.

Japonica Mixed—Several superimposed whorls of flowers on stems. 8-24 in. high. June. Per pkt. 15c

PYRETHRUM

Aureum (Golden Feather)—Dwarf plants with bright yellow foliage extensively used for edging; usually grown as an annual. Pkt. 5c; ½ oz. 25c.

Hybridum Double and Single Mixed—Large, daisy-like flowers ranging in colors from light pink to deep red; bloom in spring and fall; height 2 feet. Hardy perennial. Mixed. Pkt. 10c.

Pyrethrum—White. Pkt. 10c.

Pyrethrum—Red. Pkt. 10c.

REGAL LILIES (See Page 66)***ROMNEYA**

Coulteri (California Tree Poppy)—5 ft. Flowers all summer. Beautiful snowy white fragrant flowers. Pkt. 15c.

***SAPONARIA**

Ocymoides Splendens—6 in. A showy dwarf trailing plant, producing a sheet of vivid crimson flowers. June-August. Per pkt. 10c

***SAXIFRAGA (Megasea)**

These will thrive in any kind of soil and in any position; grow about 1 ft. high and are admirable for the border of shrubbery, forming masses of handsome, broad deep green foliage with pretty rose-pink flowers which appear very early in the spring.

Decipiens Grandiflora—Masses of white flowers. 18 in. Seeds, per pkt. 25c

Rhei Superba—Rose. 12 in. May-July. Seeds, pkt. 25c

***SCABIOSA (Perennial)**

*Caucasica Alba.—White. Pkt. 10c.

Caucasica Perfecta—Light blue flowers, long stem; fine for cutting. 18 in. June-October. Seeds, per pkt. 15c

Caucasica New Hybrids—A collection of new shades in this well-known perennial family. Per pkt. 25c

*Columbaria—This is a novelty from South Africa. There is a decided place for this in your Perennial list. It is hardy, low growing, with a fine light green foliage. Some of the flowers measure two and a half inches across, with short compact petals, borne on long slender but strong stems. We offer this in two colors, lavender and pink. Per pkt. 25c

***SILENE (Catchfly)**

Useful plants for front row of herbaceous border, bearing quantities of bright flowers.

Schafta—4 in. July-October. Bright rose; one of the best Autumn border plants. per pkt. 15c

***SOLIDAGO (Golden Rod)**

Virgo-aurea Alpestris—Yellow. 10 in. Spring.

Per pkt. 15c

***STATICE (Sea Lavender)**

Pretty plants for the summer garden in beds or borders; good for rockwork also; much valued when dried as Everlastings for winter bouquets. 1 to 2 ft.

Latifolia—Purple-blue. Pkt. 5c.

Latifolia-Caspia—Very graceful—Lilac. Per pkt. 15c.

Perezii—Deep blue. Pkt. 25c.

Siinuata Blue. Pkt. 5c.

Siinuata Rose. Pkt. 5c.

Siinuata White. Pkt. 5c.

Siinuata Lavender. Pkt. 5c.

Siinuata Yellow. Pkt. 5c.

Siinuata Mixed. Pkt. 5c.

SWEET PEAS**SUPERB SPENCER or ORCHID-FLOWERED SWEET PEA MIXTURE**

This popular mixture is planted each year by thousands of our customers who like to have a showy row of Sweet Peas. This mixture contains the very best of the named Sweet Peas as well as some of the unnamed. We believe that it is the very best mixture that can be made, and we know that it will surely be a delight to you and also to your friends. All of the leading colors are represented. Plant them this fall.

Price per pkt. 5c; oz. 15c; 2-oz. 25c; 4-oz. 50c, Postpaid

For SWEET PEA COLLECTION see page 18

STIMUGERM
LEGUME INOCULATION

A special garden size for peas, beans and sweet peas will insure you large, luscious peas and beans, and abundant sweet pea blossoms for gorgeous coloring.

Price 25c

Sweet Pea Collection, 25 cents

BUTZER'S "ROSE CITY"

PLANT A COLLECTION THIS FALL

This collection contains one package each of the following—all Giant Spencers

LAVENDER

Austin Frederick Improved—The color is a pleasing shade of bright lavender.

CREAM-PINK

Mary Pickford—A very large flower. The color is a dainty and appealing cream-pink with a soft suffusion of salmon. Blooms very profusely.

BICOLOR

Sparkler—A charming combination of a large rose standard with well-spread cream wings.

25 cents for above Collection, Postpaid

CRIMSON

Crimson King—In our opinion this is the finest Sweet Pea of a true crimson shade. A bold flower of excellent shape, carried on fine long stems.

ORANGE

Tangerine—Brilliant tangerine-orange flowers. An outstanding and very popular Sweet Pea.

WHITE

King White—Magnificent white; of perfect Spencer type, the immense petals, gracefully frilled, are a pure white of wonderful substance.

*SWEET WILLIAMS

Dianthus Barbatus—A well-known attractive, free-flowering, hardy perennial, producing a splendid effect in beds and borders, with rich and varied flowers. The demand for separate colors has induced us to offer this season several of the best and most distinct flowers.

Dark Crimson. Pkt. 5c.

Pink Beauty. Pkt. 5c.

Scarlet Beauty. Pkt. 5c.

Double White. Pkt. 5c.

Double Mixed. Pkt. 5c.

Single Mixed. Pkt. 5c.

*TUNICA

Saxifraga—A pretty tufted plant with light pink flowers, produced all summer. Useful either for the rockery or the border.

Per pkt. 15c

*VERONICA (Speedwell)

Among the prettiest of herbaceous plants, bearing in most cases blue flowers, which are much needed.

Prostrata Mixed—Blue and white. Trailler. June-July.

Per pkt. 25c

VIOLET (Viola Odorata)

No garden is complete without a nice bed of violets. They bloom ahead of other flowers, and their fragrance is delightful. They will thrive in shady places and therefore can be planted where other plants will not do well. A violet bed around the foot of a big shade tree is very attractive. Provide good rich soil and after you once get a bed established you can get any number of plants by dividing the roots. Hardy perennial.

Pkt. 10c

VIOLA CORNUTA

"Tufted Pansies"—The flowers are not so large as regular pansies but bloom so freely that for bedding effect they are unsurpassed. The colors are distinct and they also bloom for a long time.

Blue Perfection—Deep bright blue. Pkt. 15c.

Jersey Gem. Pkt. 25c.

Purple. Pkt. 15c.

Mixed. Pkt. 10c.

WALL FLOWER

Very highly prized, old-fashioned plants grown largely for their fragrance; half-hardy perennial varieties; 1½ feet.

SINGLE FINEST MIXED

Single Finest Mixed—Pkt. 5c.

Single Yellow—Pkt. 5c.

Single Blood Red—Pkt. 5c.

Ruby Gem—Purple; very fine. Pkt. 10c.

Surprise—Orange-pink turning into salmon-rose. Pkt. 10c.

Tom Thumb—Blood red. Pkt. 10c.

Tom Thumb—Golden Yellow. Pkt. 10c.

Tom Thumb—Sulphur Yellow. Pkt. 10c.

DOUBLE TALL BRANCHING WALLFLOWER

Double Tall Branching. Finest Mixed—Fragrant, 8 feet. Per pkt. 10c; ½ oz. 25c.

STIM-U-PLANT

PLANT STIMULANT TABLET

An All the Year Fertilizer
For Garden and House Plants

EASY TO USE.

Simply insert tablets in soil near plants, or dissolve in water at the rate of four tablets to the gallon and apply as liquid manure. Complete directions with each package.

Order Stim-U-Plant tablets with your seed and plant order. Price, trial size, 15c; small size, 25c; 100 tablets, 75c.

*BUTZER'S PERENNIAL FLOWER GARDEN

We have made up a mixture of the most se have made up this mixture. Under ordinary many of our customers do not care for the nahowy and easily grown perennials. As a great flowers the whole season, with this in mind wmes of the different varieties but want a lot of of gardening methods, the planter may expect quite a surprise at the great display of beautiful flowers. Try a package on our say-so.

Large Package, 15c, 2 for 25c; oz. 50c, postpaid

BUTZER'S FANCY LAWN GRASS SEED

It is the easiest thing in the world to grow a beautiful lawn. There is nothing that gives quicker growth and a thicker sod than Butzer's Fancy Lawn Grass Mixture. It produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm, elastic turf, and is often ready for mowing four weeks from sowing. This Lawn Grass is composed of a combination of various native and foreign, fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained from spring to winter, year after year, and without burning brown in summer.

Whether you want to seed a small grass plot in your yard or a lawn of more pretentious size, you should use Butzer's Fancy Lawn Grass Seed. Sow 1 lb. to 400 square feet. Price per lb., postpaid, 60c.

BUTZER'S SHADY LAWN GRASS SEED

For sowing on the north side of buildings, between houses, and for securing a lawn under large shade trees.

In many lawns there are places which seem as if nothing can be grown; some are shaded by large trees and others by buildings. For these locations we have offered for some time our Butzer's Shady-Lawn Grass Seed, which readily meets the desired requirement.

Price per lb., 75c, postpaid

CREEPING BENT GRASS

(*Agrostis Stolonifera*.) Distinctive on account of its compact, creeping, rooting stems. Of rapid growth and spreading habit, forming a strong, durable turf. Good for lawns and putting greens because of its fine texture. If sown alone, use 50 lbs. to the acre. Write for price.

SEASIDE BENT

The long creeping stems and spreading habit of this splendid grass make it ideal for Putting Greens; it makes a lasting turf that withstands hard usage.

The leaves are fine and it develops a dense growth, making it valuable. Write for price.

CHEWING FESCUE

A low-growing grass, fine leaved, forms a close turf that prevents ingress of weeds, permanent in all kinds of soils, even the lightest and driest; unexcelled for lawns and golf courses when properly grown.

Write for price

KENTUCKY BLUE GRASS

Makes an excellent lawn of a dark green color. It forms a fine matt, with care and water makes one of the best lawns.

Write for price

GRASS AND FIELD SEEDS

Our Grass Seeds are purchased by us from the best possible source for reliability. Owing to the frequent fluctuation of the market, we cannot quote prices. Write us for prices.

Alfalfa, Grimm	Wood Meadow
Alfalfa, Dry Land	Poa Bulbosa
Clover, Ladino	Pasture Mixture
Clover, White	Vetches
Clover, Medium Red	Rye
Clover, Mammoth Red	Oats
Clover, Alsike	
Clover, Crimson	
Clover, Esparsette	
Clover, Sweet	
Canadian Blue Grass	
Kentucky Blue Grass	
Creeping Bent	
Crested Dogtail	
Chewing Fescue	
Browns Inermis	
Orchard Grass	
Red Top	
Reed Canary	
Rye Grass	
Timothy	
Meadow Fescue	
Sheep Fescue	
Mesquite	
Millet	
Tall Meadow Oat	

We do not sell

WHEAT

or

BARLEY

for

SEED

Yes—We Have

POA

BULBOSA
(Bulbous Bluegrass)

Write for complete annual catalog.

It will be ready Jan. 1.



ORCHARD GRASS.



RED TOP GRASS.

BRUSH PASTURE MIXTURE

The modern farmer and stockman does not dig grubs and stumps from brush lands; the expense of muscle and money is too great to warrant the cost. After the wood from such lands has been cut and sold, he seeds the field to tame grasses and clovers which soon take possession of the soil, when it is pastured with sheep, horses and other stock. During the time of pasturing the roots and stumps will decay and thus the brush lands are made profitable from the beginning at very low cost.

Write for price

REED CANARY (*Phalaris arundinacea*)

Reed Canary Grass—On some farms there will be found a piece of low, wet land, that is too wet for Red Top or other grasses. For such a soil, there is nothing better that we know of than Reed Canary Grass. This remarkable grass sends its long, twining roots deep into the soil and brings forth a grass from four to eight feet tall. If you have wet soils you should try some of this wonderful grass seed and see what it will do for you.

Write for price

OREGON GROWN ROSE BUSHES

"THE WORLD'S BEST"—ALL TWO-YEAR FIELD GROWN, BUDDED AND POSTPAID



How to Grow Roses

Situation: Good roses may be grown in almost any soil and position, but if the highest quality is desired it is necessary to select an open, sunny position, sheltered from north winds and clear of all roots of trees and shrubs.

Preparation of the Beds: Roses will grow and give good returns in any fertile, well drained ground, but it is worth while to use some care in the preparation of the beds, as the general health of the plants, quantity and quality of the blooms usually more than repay for the extra care expended on this detail. The best soil for this is soil from an old pasture and well-rotted cow manure mixed with bone meal. Dig out the bed to a depth of two feet, and if drainage is imperfect, it must be provided for by putting about six inches of broken stones or any rough material in the bottom. Fill in with a mixture of soil, manure and bone meal as above. It is best to make the bed some time in advance of planting to allow time for settling. After the soil has settled it should be about an inch below the adjacent surface. Make beds not more than three and one-half feet wide, which enables you to pick the roses without stepping on the beds.

While many of my customers are familiar with the grade of roses which I send out, yet I wish to direct the attention of those who have never planted my stock as to the manner in which these are prepared. My plants are two years old and are what is called field-grown, that is, the plants have been cultivated in the field during the growing season. In the Fall they are carefully dug and are ready for market.

All of these plants are budded or grafted, and while some planters prefer stock grown on their own roots, on account of the liability of budded plants to throw up suckers. This will rarely occur if the deep planting as directed below is followed, and if a wild root should appear it is readily distinguished by its seven small leaves instead of the usual five. Remove it closely to the root. Much can be said of budded plants as being more vigorous, producing finer blooms, and coming into bearing sooner and are just as permanent and hardy as on their own roots.

Pruning: About the end of October it is well to cut back to about three feet all the canes of the strong-growing sort. This prevents them from being whipped by the winter winds, which, unless staked, would loosen and break the tender feeding roots. The principal pruning should be done early in the spring. If quantity of bloom for the garden effect is the object sought, then four or five canes may be left three feet in length and all very old or weak growth cut away entirely. After the plants are through blooming, the canes should be shortened back at least one-half to enable the plants to make a strong growth. If quality is desired, all weak growth should be removed and all remaining canes cut back in proportion to their development. The weaker ones to about four inches from the roots and the stronger ones to about eight inches. All canes should be cut off to about a quarter of an inch above an outside bud. By doing this the plant will grow in an open head, as the buds usually grow in whatever direction they first take. Roses pruned in this way require no staking up and will need no summer pruning. The cutting of the flowers with good stems being sufficient. Climbing roses require no pruning beyond cutting out very old or dead wood, and the shortening of the laterals and canes to make the growth conform to the space to be covered.

OREGON-GROWN ROSE BUSHES—"The World's Best"

ALL TWO-YEAR-FIELD GROWN, BUDDED AND POSTPAID

50c EACH, \$5.00 PER DOZEN

Augustus Hartmann—Brilliant red flushed with orange. Very large well formed flowers with high pointed center.

Cheerful (H. T.)—Large, full flowers of perfect shape and form, with enormous individual petals and grand general character. Color, rich orange flame overspreading the petals to a distinct orange yellow base.

Columbia (H. T.)—This beautiful rose is of strong, vigorous habit of growth and exceptionally free-blooming. The flowers, which are of good size, are perfect in form, both in bud as well as when fully expanded. In color it is a most pleasing shade of rose-pink and delightfully fragrant.

Constance (H. T.)—Rich orange yellow, distinctly streaked and splashed with crimson, long pointed buds; free bloomer.

Countess Clanwilliam (H. T.)—A distinct and charming rose, producing flowers in great abundance. Color delicate peach pink, petals flamed and edged with deep cherry red. Long pointed buds opening to large full flowers. Of strong, vigorous habit.

Crimson Emblem (H. T.)—A superb new Irish rose of a rich and glorious crimson color heavily shaded maroon. Buds and flowers of superb form, of fine size and produced on fine long stems, admirably adapted for cutting. Wonderful mildew-proof foliage.

Dorothy Page Roberts (H. T.)—Coppery pink, suffused with apricot yellow, very free and perpetual, a delightful garden rose.

Duchess of Wellington (H. T.)—Intense saffron yellow stained with rich crimson which as the flower develops, becomes deep coppery saffron yellow. Delightfully fragrant.

Frau Karl Druschki (H. P.)—The white American Beauty. Makes splendid buds and immense flowers; perfectly double.

General MacArthur (H. T.)—Dazzling crimson scarlet; delicious perfume and magnificent foliage. Blooms in great profusion.

Golden Emblem—A grand new Irish rose of ideal habit of growth, with holly-like, glossy green foliage, each stem bearing a glorious golden yellow flower of the finest form. The peer of all yellow roses.

Golden Ophelia—Rich golden-yellow flowers in greatest freedom on stout, wiry stems, clothed with glossy, dark green foliage. Especially well adapted for cutting and personal adornment.

Gorgeous (H. T.)—Strong, vigorous growing, with handsome, olive-green foliage. Flowers very large, finely formed, produced freely on stout canes. Color deep orange-yellow, heavily veined and reddish copper.

Grus on Teplitz or Virginia R. Cox (H. T.)—Color fiery crimson, with a dark velvety sheen; very fragrant; free blooming.

Hadley—A fine American pedigreed rose producing flowers of elegant form and substance. Color rich crimson scarlet shaded maroon. A glorious rose.

Hoosier Beauty (H. T.)—A grand new hybrid tea rose of American origin. Flowers dark crimson, shaded with maroon and veined with black; petals of remarkable substance—like so much crimson velvet; buds beautifully formed, with fine, pointed shape, opening into large, double flower.

Hugh Dickson (H. P.)—This superb Irish rose stands in the front rank as a producer of the very finest brilliant crimson-scarlet roses. Of strong, vigorous growth and free flowering habits; one of our most favorite varieties.

Imperial Potentate (H. T.)—Rich, rosy carmine, fine buds, splendid cut flower, sweetly scented.

Irish Elegance—Bronze orange in the bud, opening into large single flowers of a lighter shade. Vigorous growing and perpetual blooming.

Irish Firefame (H. T.)—Long pointed buds of the utmost elegance in their deep madder-orange color, splashed with crimson and expanding to large single flowers of a satiny old gold which vary as they develop.

J. B. Clarke (H. T.)—Irish variety of great merit either for garden decoration or cut flowers. The color is bright crimson shaded maroon; petals large, flowers very full and perfectly formed. Flowering from early summer until late autumn.

Jenkheer J. L. Meek (H. T.)—It is of the type of La France, with large, round blooms surmounting its stout, almost thornless canes; color, rich bright pink, reverse of petals carmine.

Kaiseraug. **Victoria** (H. T.)—Elegant, large pointed buds; large, full, double flowers; color delicate carmine-white; fragrant.

Killarney Brilliant (H. T.)—Color an exquisite shade of deep shell pink lightened with silvery pink. The base of the petals is a soft silvery white relieved with enough yellow to make it more attractive. The buds are exceptionally long and beautifully formed.

Killarney Double White (H. T.)—A distinct rose similar to the famous Killarney in size, shape and fragrance, but snow white.

Kitchener of Kartoum (H. T.)—Dazzling scarlet; single flowers in great masses; a wonderful new decorative rose; should not be pruned but allowed to grow naturally. Something different.

Lady Ashtown (H. T.)—Pale Rose du Barri, shaded to yellow at base of petals. Reverse side of petals silvery pink; large, long pointed buds, opening into a beautifully formed flower; a rare and most beautiful variety.

Lady Hillingdon (T.)—Deep apricot yellow, long and pointed bud. Flowers are of good substance and very lasting; foliage luxuriant; a fine forcing or garden rose, excellent for cutting.

La Champagne (H. T.)—Large buds and medium-sized, semi-double (25 petals), blooms peach-colored with yellow base. Vigorous plant. The buds are especially lovely, and the stiff stems hold the flowers erect, even after heavy rains.

La France H. T.—A silvery rose, changing to pink. A general favorite. Sweetest of all roses.

Laurent Carle (H. T.)—Gigantic oval buds and blooms of deep, glowing carmine-crimson, perfectly formed and pungently fragrant. Plant of average growth, with foliage requiring the usual attention. It blooms freely throughout the season.

Los Angeles (H. T.)—Flame pink toned with coral and shaded gold at base of petals. Beautifully formed, fragrant, vigorous and very free blooming. Nothing better.

Louise Catherine Breslau (H. T.)—Coral red, shaded chrome yellow, opening to a shrimp pink, shaded coppery orange.

Marie Van Houtte (T.)—Lemon yellow of good size; center in center edged rose; well formed.

Mme. Abel Chatenay (H. T.)—A rose of extraordinary merit. A free bloomer, with flowers of good size and substance. Color beautiful rosy carmine, with darker shadings. One of our finest decorative and garden roses and always in great demand.

Mme. Butterfly (H. T.)—A sport from the popular new rose Ophelia, which may be said to be a glorified form of that fine variety. In this new sort all the colors are intensified making it a rich harmony of bright pink, apricot and gold. The unopened buds are especially distinct with their lovely shades of Indian red tinging to golden yellow at their base.

Mme. Caroline Testout (H. T.)—A grand rose of the La France type, but with flowers larger and finer. Color, bright satiny pink; very fragrant and free in bloom. One of the handsomest roses and should be planted extensively.

Mme. Edouard Herriott (Per.)—The famous winner of the Daily Mail Prize. The color being terra cotta bronze and geranium red, a new combination of colors in a rose.

Mme. Melanie Supert (H. T.)—Splendid new orange yellow shaded pink; beautiful, long pointed buds. Best of its color.

Mrs. Alfred Tate (H. T.)—Coppery red shaded fawn. Buds are about the longest we have ever seen on an outdoor rose. Will easily rank with the very best.

Mrs. A. R. Waddell (H. T.)—A strong, rampant, growing Hybrid Tea Rose, with foliage that is ornamental in itself. Large, long pointed buds of a bright rosy scarlet, opening into a finely formed flower of a rich apricot or salmon color.

Mrs. Charles Russell (H. T.)—"American Beauty" can compete with it when it comes to counting points. Stems three feet long, stiff and surmounted by grand rosy-pink blooms.

Mrs. Dunlop Best—Pointed, saffron-yellow buds, with dull apricot shadings, opening to rich, reddish apricot flowers of great sweetness and beauty. Very vigorous, low, spreading growth and is healthy and free flowering.

OREGON-GROWN ROSE BUSHES—"The World's Best"

ALL TWO-YEAR-FIELD GROWN, BUDDED AND POSTPAID

50c EACH, \$5.00 PER DOZEN

Mrs. S. K. Rindge (Pern.)—A sister variety of *Lolita* *Armour*. Buds very long and pointed, rich golden yellow outside of petals stained at base with Indian red.

Old Gold (H. T.)—Medium sized flowers of a vivid reddish orange color with coppery red and coppery apricot shadings. A splendid garden rose.

Ophelia (H. T.)—Orange salmon buds, opening to flowers of dainty pink. The foliage is clean, dark and leathery—growth vigorous and free, producing long canes. Blooms early and continuously.

Padre (Pern.)—Coppery scarlet, flushed yellow at base, flowers semi-double with 18 to 20 petals, often curiously notched, exceptionally free bloomer. Color commands attention.

Premier (H. P.)—A clear pleasing red; does not fade. Good form and habit, excellent for cutting and inside forcing; fragrant, thornless, free blooming.

The Queen Alexandra (H. T.)—A brilliant flower of intense vermillion deeply shaded old gold on reverse of petals, which spring from a pure orange base, one of the most remarkable color combinations seen in Roses. The flowers are quite full and when half blown are bewildering in their beauty, delightfully sweet-scented.

Queen of Fragrance (H. T.)—Large double elegantly shaped shell pink blooms, tipped with silver. Noted for its powerful perfume.

CLIMBING ROSES—50c each

ALL TWO-YEAR-OLD FIELD GROWN—Postpaid

Climbing American Beauty—Early. Large, perfectly formed, rosy crimson, sweet-scented flowers on long stems. With the pruning out each year of the older canes, the plant continues permanently and increasingly a pleasure.

Cascadia—Small, semi-double flowers of blush-pink, paling to white, borne in heads like phlox. A pillar Rose growing 6 feet or more. Slightly fragrant. Continuous bloomer.

Cecil Brunner—Clusters of pretty pink flowers, especially beautiful in bud.

Crimson Rambler—This grand rose improves upon acquaintance; the better it is known the more popular it becomes. It is of rapid growth; attains a height of 16 feet in a season. Flowers in trusses, measuring 9 inches from base and 7 inches across, fairly covering the plant from the ground to the top.

Dorothy Perkins—Great clusters of pretty double pink flowers smothering the plant for a long season of the year. Elegant leathery foliage, impervious to mildew and hardy as an oak tree. This sort is now the most generally planted of this class of roses.

Dr. Huey (H. W.)—Semi-double, rather large flowers of deepest crimson-maroon, shaded black, borne in profuse clusters on a lusty plant, with foliage not immune to mildew.

Hiawatha (T.)—Single, ruby crimson, large single flowers.

Lady Hillingdon—Apricot-yellow, fragrant, fine.

Mad. Caroline Testout—Immense globular flowers of the same beautiful shade of pink as seen in the bush sort.

Los Angeles—Flesh pink.

Marechal Niel—Lovely buds and flowers of deep golden yellow; double and extremely fragrant. Strong growth and abundant bloom, but not freely recurrent.

Paula Scarlet Climber—By all means the most brilliant rose known in any class because of its clear, vivid, shining scarlet in large semi-double flowers. These flowers never turn blue but retain their intense coloring until petals fall. Cannot be too heartily recommended as essential in any garden.

Sunburst—Golden yellow to orange, fragrant.

Tausendschön—A lovely shade of soft pink, free and vigorous; splendid foliage.

Rainbow (H. T.)—Beautiful buds and flowers of large size; color a beautiful shade of deep pink, distinctly striped and mottled with brilliant crimson, elegantly shaded and toned with rich amber; very fragrant and exquisitely beautiful.

Souv. de Claudius Pernet (H. T.)—On the order of *Constance* or *Golden Emblem* but with large elongated and beautiful formed buds. Color is clear brilliant yellow. Wonderful foliage.

Sunburst (H. T.)—A veritable giant among yellow roses throwing up heavy canes clothed with most ornamental foliage and crowned with glorious buds and flowers. The buds are very long and of most beautiful form, opening into a gorgeous colored flower. The color is a rich cadmium-yellow shaded with orange and copper. One of the very finest yellow roses yet raised.

T. F. Crozier (H. T.)—Clear canary yellow, large buds.

Winnie Davis—Fine apricot pink shading to the flesh tint at base of petals. A grand, hardy garden rose.

William F. Dreer (H.)—Soft shell pink, base of petals rich golden yellow. Sometimes the entire flower is covered with a golden suffusion. This rose has the same parentage as the well known *Los Angeles* and like that sort is beautiful in all stages of development from the opening buds to the well expanded flowers. We are quite sure that all who try this variety will be pleased with it.

BABY RAMBLER AND POLYANTHA ROSES

Price 50c each—per dozen, \$5.00, postpaid
A type of roses which grow only a foot or two high, bear large clusters of flowers possessing great lasting qualities, and are always in bloom. They are fine for massing in beds, for bordering large rose beds or planted singly on the lawn. Perfectly hardy.

Crimson Baby Rambler—Has the same bright crimson color as the Climbing Crimson Rambler and blooms in clusters of 20 to 40 flowers at one time on plants of fair size. "Baby Rambler" is one of the best red roses for bedding.

Cecil Brunner (The Fairy, or Sweetheart Rose)—A Polyantha variety with dainty double little flowers of perfect form produced in many flowered, graceful sprays; color a soft rosy-pink on a rich creamy-white ground.

Baby Tausendschoen—Dwarf Polyantha with its bountiful bouquets of creamy white saucer-shaped flowers. Every petal edged with rosy pink.

Jessie—A dependable sort, producing continually bright cherry-crimson flowers which endure well on the plants. Particularly useful for massing because of its continuous-blooming habit.

Triomphe Orleansis—Flowers large, for the class, of a bright cerise-red which is very lasting. A vigorous grower, bearing its blooms profusely in clusters.

PEAT MOSS NATURE'S SOIL IMPROVER

The ideal all year rose mulch. Large bale of 8 bushels

\$3.00 Per Bale, F. O. B. Portland

ORDER YOUR ROSES

early, we will send them just as soon as the weather will permit and the right time to plant them.

FRUIT TREE DEPARTMENT

OUR SHIPPING SEASON for the above is from November 1 to April 1. Some seasons May 1, although it is too late for best results. We advise late fall or early spring planting while stock is dormant.

HOW WE SHIP—

BY FREIGHT OR EXPRESS. Every article not specially priced is priced for delivery by Freight or Express, packed free, but customer to pay transportation charges. All heavy trees in large quantities should be sent by freight if time is not too urgent, as the carrying charge is much less; and our perfect packing admits a long journey without injury to the trees.

FRUIT TREES BY MAIL. "Mail Size." If you wish these sent by parcel post add 10¢ per tree for postage and packing. All one year old trees, vines, etc., well rooted, cut back to suitable size, guaranteed to reach you in good condition. Those wishing to save freight or express charges on long distance shipments, to plant young thrifty stock and train according to their own requirements, will find this size admirably suited to their needs.

POSITIVELY NO NURSERY STOCK SENT C. O. D.

IMPORTANT. Unpack and examine all packages on arrival, and if roots are dry, give a good soaking with water. Never let trees lie about with their roots exposed to the air. If several have to be planted, open a trench and "heel in" the roots and then plant at your leisure.

HINTS ON TRANSPLANTING

1. Do not allow roots to be exposed to the sun, dry winds, or frost.
2. Prune, with a sharp, clean cut, any broken or injured roots.
3. Have the holes dug large enough to admit all the roots without cramping.
4. Plant in fine loam, enriched with thoroughly decomposed manure.
5. Do not allow any green unfermented manure to come in contact with roots.
6. Spread out the roots in their natural position, and work fine loam in among them, making it firm and compact.
7. Do not plant too deep. Let upper roots be set an inch lower than before.
8. Remove all broken branches, and cut back at least one-half of the previous year's growth of wood.
9. If the season lacks the usual rainfall, water thoroughly twice a week.
10. After culture! Keep soil in a good degree of fertility. Mulching the trees in Autumn with manure is beneficial.

DISTANCES FOR PLANTING TREES:

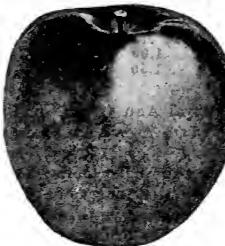
(In planting trees the greater distance should be given on the richer soils.)

Apples	20 to 30 feet each way
Pears (Standard)	20 to 25 feet each way
Pears (Dwarf)	12 to 15 feet each way
Quinces	15 to feet each way
Peaches	18 to 24 feet each way
Plums	15 to 20 feet each way
Cherries	15 to 20 feet each way
Blackberries	6x4
Raspberries	6x3
Grapes	6 to 8
Walnuts	40 to 60

APPLES

Unless otherwise priced	Each	Per 10	100
One year, 3 to 4 feet	\$0.50	\$4.50	\$30.00
One year, 4 to 6 feet60	5.50	40.00
Selected trees	75c-1.00		

Write for our low prices per 1000.



Summer

Red Astrachan—Large, deep crimson, white flesh.

Red June—Medium, oblong, deep red.

Early Harvest—Medium, bright straw color.

Yellow Transparent—Medium, roundish, pale yellow.

Duchess of Oldenburg—Large, yellow, streaked with red.

Autumn

Alexander—Large, greenish yellow, streaked with red.

Fameuse—Medium greenish yellow, streaked with red.

Gravenstein—Large, beautifully dashed with red and orange.

Maiden's Blush—Medium, yellow, red cheek.

Red Beitigheimer—Very large, cream colored, covered with crimson.

Waxen—Medium, pale yellow.

Winter

Baldwin—Large, deep bright red.

Arkansas Black—Medium, dark maroon.

Ben Davis—Medium, yellowish covered with red.

Delicious—one of the best.

King—Very large, yellowish shaded with red.

Jonathan—Medium, light yellow, covered with red stripes.

Spitzenburg—Large, yellowish, broken with stripes of bright red.

Northern Spy—Large, greenish yellow, covered with purplish red stripes.

Tolman's Sweet—Medium, whitish yellow, slightly tinged red.

Wealthy—Medium, whitish yellow, shaded deep red.

Winesap—Medium, yellow, streaked red.

Rome Beauty—Large, yellow, shaded with bright red.

Yellow Bellflower—Large, yellow.

Yellow Newtown Pippin—Large, smooth, golden yellow.

Winter Banana—Yellow, blush cheek, sub-acid, medium size.

Bismarck—The apple novelty; everyone should try it; tree of short, stocky growth, thick, healthy foliage; fruit large, handsome, yellowish, sometimes shaded red cheek; flesh tender, pleasantly sub-acid; entirely new; seldom failing to bear when two years old.

CRAB APPLES

Price, 75c each

Florence—Red striped; early, juicy and crisp; fine for home gardens. September 1.

Red Siberian—Yellow with scarlet cheek. Bears young and abundantly. September.

Transcendent—Very large, good for cider; yellow striped red. Adapted to Montana. September.

APRICOTS



THE LEWIS APRICOT

	Each	Per 10	100
4 to 5 feet	\$0.75	\$6.50	\$50.00
3 to 4 feet50	4.50	40.00

Moorpark—Very large, yellowish green, shaded brown.

Breda—Medium, orange color.

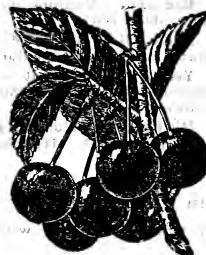
Tilton—Large, rich color.

Royal—Above medium, rich and juicy.

The Lewis—The new Lewis Apricot is the largest, strongest growing, best yielding, best flavored apricot we have ever seen, and is perfectly hardy.

CHERRIES

Unless otherwise priced	Each	Per 10	100
One year, 3 to 4 ft.....	\$.75	\$7.00	\$50.00
One year, 4 to 6 ft.....	1.00	10.00	75.00
Selected trees	1.50	10.00	



Royal Ann (Napoleon Bigarreau)—A magnificent cherry of the largest size; pale yellow, becoming amber in the shade; richly dotted and spotted with deep red and with a bright red cheek; flesh very firm, juicy and sweet; tree a rapid grower and immense bearer. (Early July.)

Lambert—Fruit of largest size and of fine quality; color deep, rich red; flesh firm and of fine flavor; a fine market variety; ripens two weeks later than Royal Ann.

Montmorency—Large, sour fruit, similar though larger than the Early Richmond; quite hardy. May.

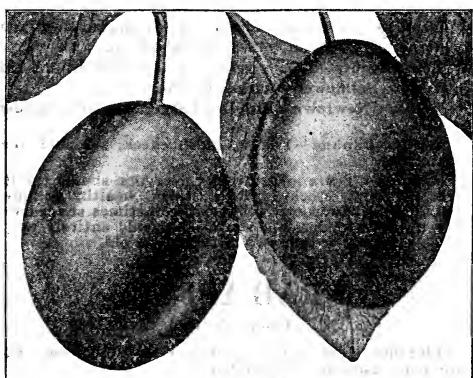
May Duke—Medium size, dark red; flesh tender, juicy and sub-acid; an excellent variety, and one of the earliest of its class.

Bing—Originated in Oregon; fruit large, dark brown or black; very fine; late; a good shipping variety.

Kentish (Early Richmond)—Light red, juicy; one of the best acid cherries and unsurpassed for cooking purposes; very productive.

Tartarian—The very finest cherry to eat fresh. Large bright purplish black; flesh rich and very juicy. A vigorous erect tree bearing abundantly every year. Brings high prices in the fresh fruit markets because it comes in early. A good pollinator for the other sweet cherries we list and should be included in every planting. Early June.

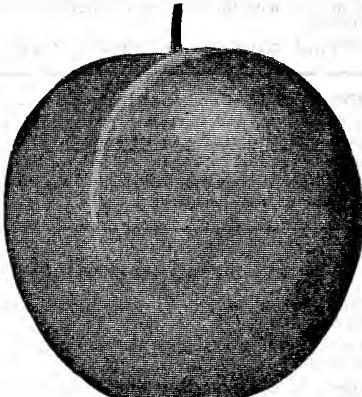
PRUNES



Sugar—Vigorous grower; fruit large and dries quickly; flesh tender and rich in sugar; color dark purple. August.

PEACHES

Unless otherwise priced	Each	Per 10	100
One year, 3 to 4 feet	\$0.75	\$6.00	Write
Selected trees	1.00	8.00	Write



J. H. Hale—A valuable table, shipping and drying peach. Smooth skin, almost fuzzless. Very firm. Ships almost like an apple. Yellow freestone; flesh tender, excellent quality. Larger than the Elberta and ripening about the same period.

Elberta—Very large, bright yellow, red cheek; flesh yellow; juicy, sweet; regular bearer; fruit very showy and perfect; freestone; early.

Early Crawford—Very large, yellow; with red cheek; flesh sweet and excellent. Our most popular peach for table and canning; freestone.

Late Crawford—Very large, roundish; yellow, with dark red cheeks; flesh deep yellow, juicy and melting; flavor rich and excellent; very popular; valuable for canning and drying; freestone.

Mayflower—Beautiful red all over; extremely early; tree hardy and healthy. Last of June. Freestone.

Tuscan Cling—Very large; yellow, blushed red. Vigorous; strong grower. July, August.

PRUNES

Unless otherwise priced	Each	Per 10	100
One year, 3 to 4 feet	\$0.50	\$3.00	\$20.00
One year, 4 to 6 feet50	4.00	30.00
Selected trees		75c-1.00	

Italian (Fallenberg)—Medium, oval tapering at both ends; dark purple; flesh greenish yellow; separates freely from the stone; best for drying. Most popular.

Improved Petite—Medium size, egg-shaped; violet purple; sweet, rich and sugary; very productive; good fresh and for drying.

Silver—Very large.

Hungarian—Very large, dark red.

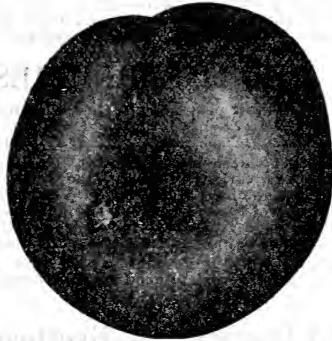
Giant—The largest, dark crimson.

New Standard—(Burbank Production)—The trees are enormous and never failing bearers, and good, healthy growers. Well grown fruits measure four and a half inches around one way by nearly six inches the long way. Skin purple, with a heavy blue bloom; flesh amber or honey yellow, fine grained, juicy, yet firmer than most other drying prunes, very sweet and a perfect freestone.

PLUMS

Unless otherwise priced	Each	Per 10	100
One year, 3 to 4 feet	\$0.75	\$6.00	\$35.00
One year, 4 to 6 feet	1.00	7.50	45.00
Selected trees	\$1.00-\$2.00		

Prinlew—A valuable new variety, produced by H. A. Lewis. A heavy and sure cropper. Plums of large size; skin yellow, overspread with bright red when fully ripe; a handsome looking plum and the rich, golden flesh is firm, but juicy; fine grained and most delicious of all, either raw or cooked. It's good as a peach. Stands handling and shipping well. Ripe in August. If you only have room for one plum, plant a Prinlew.



Satsuma—(Blood Plum)—Quite popular; large, dark red from skin to pit, which is small, firm and juicy; tree productive. Early July.

Damson—Shropshire—Medium size, dark purple; firm; flesh greenish, juicy and rich. Vigorous. Late September.

Abundance—Large, flesh yellow, early.

Bradshaw—Large, reddish, purple.

Columbia—Large, brownish purple.

Clyman—Medium, mottled, reddish purple.

Damson—Small, skin purple, oval.

Green Gage—Small, round, green flesh.

Peach—Large, brownish red, flesh yellow.

Reine Claude—Large, greenish, marked red.

Washington—Large, dull yellow with crimson blush.

Yellow Egg—Large, deep golden yellow.

QUINCE

One year old	\$1.00 each
Selected trees	1.25 each

Orange—Large golden.

Champion—Very large, bright yellow.

Pineapple—Flavor is suggestive of the pineapple; the fruit resembles the Orange quince; making superior jelly; can be eaten raw and has a most exquisite and delicious flavor, not equaled by any other quince. September.

NUT TREES

Almost every farm contains land that should be planted to nut trees adapted to the soil. Nuts in many cases pay better than farm crops or fruits, while most kinds are making a growth of valuable timber that will of itself pay a large per cent on the investment.

GRAFTED WALNUTS

We offer a splendid strain of Franquettes, the best variety for this section, grafted on four-year California Black Walnut—sturdy, thrifty trees with big fibrous roots. The best to plant. Comes to bearing much younger than seedling walnut.

Trees one and two years from the graft on three and four-year-old roots:

These are all too large to be sent by parcel post.

Size	Hundred lots	Dozen lots	Each
8 to 10 ft.	\$1.40	\$1.50	\$1.60
6 to 8 ft.	1.20	1.30	1.40
4 to 6 ft.	1.00	1.10	1.20

PEARS

	Each	Per 10	Per 100
First Grade, 1 year, 4 to 6 feet	\$1.00	\$8.50	\$60.00
First Grade, 1 year, 3 to 4 feet	.75	6.50	45.00
F. O. B. Portland ; if mailed, postage extra.			

AUTUMN VARIETIES

Bartlett—Large; skin thin, clear, lemon yellow, with soft blush on the sunny side; flesh white, buttery, very juicy and highly flavored; the best summer pear in existence. **August**, September.

Beurre Bosc—Large, beautiful, russety; highly flavored; fine for shipping. **September**.

Beurre D'Anjou—Large, handsome, fine flavor; tree vigorous; heavy bearer; keeps till Christmas. **September**.

Comice—A splendid commercial variety, being of fine size; good appearance; ships well. **October**.

Fall Butter—A favorite fall pear; yellow, sweet and juicy. **September**.

Flemish Beauty—Large, beautiful, rich and sweet; pale yellow with slight russet. Adapted to Montana and the Northwest.

Seckel—Rich and highly flavored; its highly concentrated, spicy, honey flavor is unequalled; skin brownish green, russet brown cheek. **September, October**.



WINTER VARIETIES

P. Barry—Fine keeper. Very large, juicy, fine grained, yellow. **December, March**.

Winter Bartlett—This fine pear originated in Eugene, Oregon. Fruit large, closely resembling the famous Bartlett in shape and appearance, but ripening considerably later; flavor almost identical with the Bartlett; is undoubtedly one of the few pears of recent introduction of real merit.

Winter Nellie—Medium; skin yellowish green, dotted with gray russet; flesh yellowish white; fine grained, of a rich saccharine, aromatic flavor. **December**.

NECTARINES

Selected Trees 75¢ Each

Boston—Large, deep yellow, bright flush; flesh yellow; very rich and luscious. **Best for Oregon**. **August 1**.

Early Violet—Medium; skin pale, shaded violet; flesh white; good. **July**.

FILBERTS

Plant more of them

Barcelona—Magnificent large nut from Spain, first quality; can be grown as low standard tree or bush. **2 to 3 feet**. **Each 75¢; 10, \$5.00**.

Du Chilly—The largest Filbert on Pacific Coast. Nuts are broad, 1 inch by $\frac{1}{4}$ of an inch; full fleshed and sweet; best grown as low standard. Special prices on large orders. **Du Chilly** is a good pollinator for **Barcelona**. **2 to 3 feet**. **Each 75¢; 10, \$5.00**.

ALMOND (Nut Bearing)

Each \$1.00

BUTTERNUT

Each \$1.50

CHESTNUT

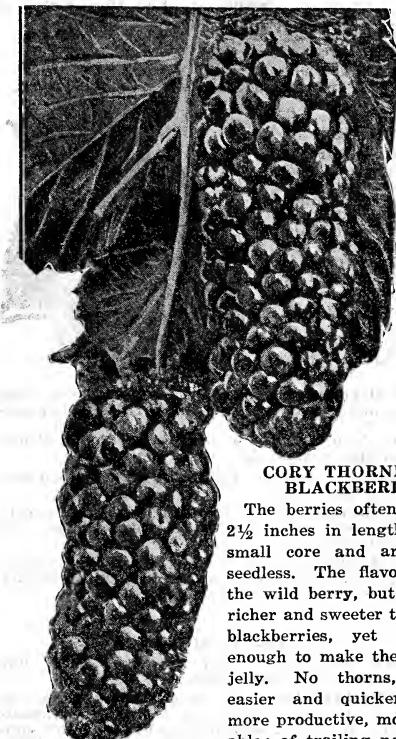
Each

3 to 5 feet \$1.00

American Sweet—Makes a handsome shade tree; full medium size, sweet and well flavored.

Spanish—A valuable species both for ornamental use and fruit. It forms a handsome lawn tree and produces much larger fruit than the average American variety.

BERRY PLANTS



CORY THORNLESS BLACKBERRY

The berries often measure 2½ inches in length, have a small core and are almost seedless. The flavor is like the wild berry, but they are richer and sweeter than other blackberries, yet are acid enough to make the finest of jelly. No thorns, thereby easier and quicker picked, more productive, more profitable; of trailing nature.

Prices Cory Thornless Blackberry

Each, postpaid	\$0.20
Per 10, prepaid	1.75
Per 100, prepaid	15.00

BLACKBERRIES

Price	Each	Per 10	100
	\$0.20	\$1.50	\$10.00

Lawton—Fruit large, very productive, well and favorably known; Oregon's most popular kind.

Evergreen—An Oregon introduction; beautiful lacinated foliage, which it retains all winter; berries long, black, sweet, rich and delicious; ripens from July to November.

Himalaya Giant—An exceedingly strong, rampant grower of a trailing nature; everbearing; an enormous yielder. The berries are large, juicy, coreless, sweet and firm, with a delicious aromatic flavor.

Iceberg, the White Blackberry

Strange as it may seem this is a real creamy white Blackberry. Mixed with the jet black ones for dessert it makes a most wonderful dish. The fruit is about the size of Snyder with few seeds and quite sweet when fully ripe. The bushes are good strong growers and very productive. This is not a worthless novelty but a fruit of real value, and should be in every garden.

Price, 15¢ cents each; \$1.50 per dozen.

DEWBERRY

Lucretia—Fruit ripens between the raspberry and blackberry. Berries large, handsome, sweet and luscious; trailing vines, STRONG PLANTS. Each 25¢; per doz. \$2.50; 100, \$12.50; 1000, price on request.

WE WILL HAVE NO STRAWBERRY PLANTS TO OFFER

LOGANBERRY

In great demand again for canning and drying. An exceedingly strong grower and an enormous bearer. Color dark red. Has a pleasant, vinous flavor, delicious and peculiar to this berry alone; fruit ripens early. It is excellent for the table, eaten raw or stewed, and for jelly, jam or "juices" is without equal.

Transplants (2 year, extra strong)—Prices, each 25¢; doz. \$2.25, postpaid. Not prepaid, each 20¢; doz. \$2.00; 100, \$15.00.

Loganberry "Tip" Plants—These are ready after March 1, but are very tender and must be handled with care. Not mailable. Prices on request.

RED RASPBERRIES

Special low prices by the thousand. Write

	Each	Per 10	100
1 year	\$0.15	\$0.75	\$3.00

Cuthbert ("Queen of the Market")—A remarkably strong, hardy variety; standing the northern winter and southern summers equal to any. Very large, conical berries, so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious. The leading market variety for main crop.

Marlboro—Very large and earlier than Cuthbert; beautiful, bright scarlet; good quality; hardy and productive.

Red Raspberry—Everbearing

	Each	Per 10	100
1 year	\$0.15	\$0.75	\$3.00

La France is a rapid, vigorous grower. The berries are firm, twice the size of most; beautiful color, fragrant and delicious in flavor all season long.

The fruit is borne on racemes, one to three feet long, in large clusters, and the same racemes show the unusual sight of buds, blooms, fruit just setting, green berries and the ripened fruit. This condition continues through the entire season. The late crops, when raspberries are scarce and high in price, is unusually heavy.

St. Regis

Fruit commences to ripen with the earliest and continuing on young canes until October, many quarts often being picked after the first snow fall. Berries bright crimson, large size, rich, sugary with full raspberry flavor. Flesh firm and meaty, a good shipper. Wonderfully prolific. Canes stocky, of strong growth, with abundance of dark green leathery foliage.

Yellow Raspberries

Golden Queen—A beautiful, large golden yellow berry, seedling of the Cuthbert and surpassing that variety in size, beauty, quality and adaptability. Canes hardy, of strongest growth, productive. Should be in every garden, its beauty and high quality placing it at the head for table use. By mail. Price, each, 15¢; per 10, \$1.25.

Black Raspberries

	Each	Per 10	100
2 years	\$0.25	\$2.25	\$20.00
1 year	\$2.20	1.50	12.50

Cumberland

A healthy, vigorous grower, throwing up stout, stocky, well branched canes that produce immense crops. Fruit very profitable; large, firm, quality about same as Gregg, keeps and ships as well as any of the blacks. Mid-season.

Gregg—Of good size, fine quality, very productive and hardy. Takes same position among black caps as Cuthbert among the red sorts.

Plum Farmer—Large, black, hardy and productive. One of the very best.

Currants

(Due to quarantine can be shipped only when dormant, usually from Nov. 1st to April 1st.)

Each 20c; 10 \$1.75;
100 \$12.50.

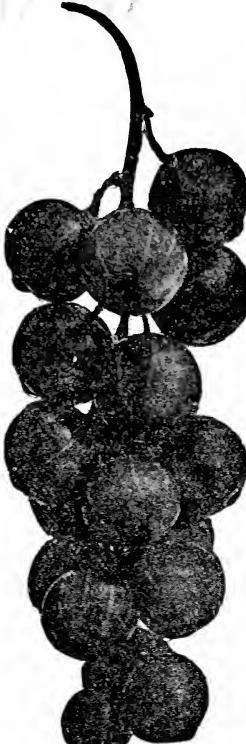
Perfection—New; largest and most prolific currant; bright red, rich flavor, mild sub-acid; no currant can approach in yield or quality this wonderful new currant.

Cherry—Very large, deep red, fine for preserving; valuable market variety.

Fay's Prolific—Bright red, very sweet, stems longer than Cherry and fruit hangs on better than most varieties. To be planted with Cherry.

Gooseberries

Oregon Champion—Very large; pale green sweet, fine, bush strong, prolific. Each 20c; 10 \$1.75; 100 \$12.50.



PAMPAS GRASS

Gynerium Argenteum—The most effective of all the ornamental grasses. Its large silvery plumes are produced on stems 8 to 10 feet high during the late summer and fall. This plant is well known to summer visitors to California where it is one of the features in many gardens. It can be grown equally well here and established plants can remain in the open ground if well protected. We offer extra strong plants of flowering size. 75c each, postpaid.

RUDBECKIA (Cone-Flower)

Indispensable plants for the hardy border, grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting. See front cover.

"Golden Glow."—A well-known popular plant, a strong robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus Dahlia-like flowers from July to September. 25c each.

CULTURE OF SMALL FRUITS

Bramble fruits like blackberries, raspberries, dewberries, etc., should have all old wood (older than the previous season's growth) cut out close to the ground each spring and the past season's growth should be trimmed back to 3 or 4 feet in height. All of the old canes should be removed and should be burned.

Mulching of currants and gooseberries will give good results. A strawberry bed should have a light coating of coarse hay, or straw, that is free from weed seed, after the ground has frozen two inches deep and in the spring just about the time growth starts, this covering should be raked between the rows and allowed to remain there until the fruit has been harvested. Then it should be removed and cultivation be resumed.

Rosemary—Infusions of the leaves are used in medicinal beverages. Produces an aromatic oil. Each 25c; doz. \$2.50.

Sage—The leaves and tender tops are used in stuffings and sauce; also in the beverage known as Sage Tea. Each 20c; doz. \$2.00.

Tarragon True—Each 50c.

Lavender—By distillation produces the well known Lavender water, the flowers for perfuming wardrobes, etc. Each 25c; doz. \$2.50; Large clumps, each 50c.

ASPARAGUS

No vegetable is more healthful or more palatable than the tender asparagus that appears on the table very early in the spring.

Every home garden should have a bed about ten by twenty feet, planting about one hundred roots. This would furnish enough tips from day to day to supply the family table.

Set the rows two feet apart instead of four as for field culture, and one foot apart in the row.

ASPARAGUS ROOTS

We can furnish the varieties listed below in selected one-year-old roots. We are not handling two-year or older stock, the one-year-old roots are used by all experienced growers and are the best size for transplanting.

Pedigreed Washington—New rust resisting variety. 25c per doz.; \$1.00 per 100; \$6.00 per 1000.

Palmetto—One of the most popular varieties grown and especially good for shipping and canning. Shoots are light green, slightly tinted pink.

One-year-old plants—Postpaid, 30c dozen; 50c per 50c; \$1.00 per 100. By express or freight \$6.00 per 1,000.

RHUBARB ROOTS

Young roots of Myatt's Victoria, which, if planted in good soil early in the spring, will make a strong growth and yield stalks for market the following spring. The plants increase in size every year and will with proper care last for many years. Thick luscious stalks shaded bright crimson.

Single Eye—Postpaid, each 15c; doz. \$1.50; 100 \$7.50.

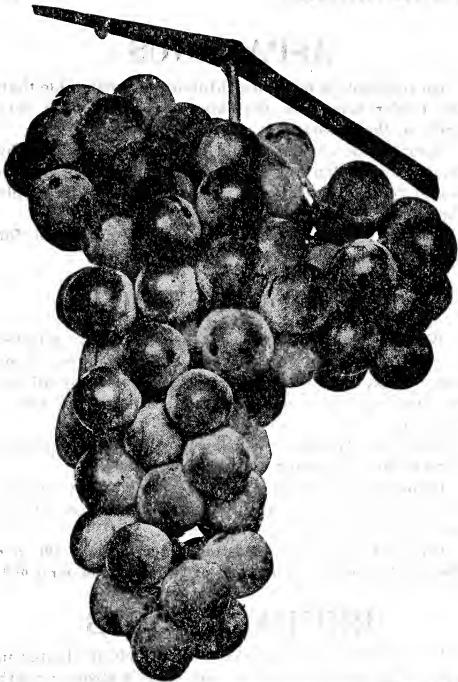
Double Eye—Postpaid, each 25c; doz. \$2.50; 100 \$10.

Transplants—Grown one year from single-eye large, vigorous, healthy roots. Each 35c; doz. \$3.00, prepaid.

Age of Bearing—Distance to Plant

As the age of bearing depends so much upon variety, soil, climatic conditions and care given, this can only be an approximate table under average conditions. To ascertain the number of trees or plants required for any given space, multiply the length of the space by the breadth to ascertain the number of square feet contained therein. Then multiply the distance apart you intend to set your rows by the distance between each tree or plant in the row to get the number of square feet each tree or plant will take. Divide the number of square feet in the given space by the number of square feet each tree will require and the result is the quantity of trees or plants for that given space.

	Age of Bearing	Distance Apart	Number per Acre
Apples, Std.	3 to 6 years	35x35 ft.	35
Apricots	3 years	15x15 ft.	193
Blackberries	1 year	8x 6 ft.	907
Cherries—			
Sour	3 to 4 years	15x15 ft.	193
Sweet	3 to 4 years	20x20 ft.	108
Currants	2 years	4x 4 ft.	2722
Gooseberries	2 years	4x 4 ft.	2722
Grape	2 years	8x 8 ft.	680
Peaches	2 years	15x15 ft.	193
Pears—			
Standard	3 to 4 years	20x20 ft.	108
Dwarf	2 years	10x10 ft.	435
Plums	3 to 4 years	20x20 ft.	108
Quinces	4 to 5 years	10x10 ft.	435
Raspberries	1 year	6x 4 ft.	1815
Rhubarb	1 year	4x 3 ft.	3630
Strawberries—			
Farm	1 year	4x 1 ft.	18890
Garden	1 year	2x 1 ft.	21780



GRAPES

The grape is the easiest of all fruits to grow. The plants take little room, they thrive despite neglect and every year they produce their wealth of beautiful, health-giving fruit. With its roots in any old nook you can lead it away in any direction to provide a grateful shade for the pump, or for a restful seat, a border for a walk or climbing on the wall or house—East, West, North or South, on hill or in valley, on poor soil or rich, the grape grows, thrives, bears; it never disappoints. Plant a few vines or a large vineyard—make your own grape juice—jams, marmalades, jelly; and have plenty to eat fresh from your own vines.

One year old	Each Per 12	100
.....	\$0.15	\$1.25

Unless noted.

Brighton—Bright red, heavily shouldered; large bunch; one of the sweetest and most delicious. Known everywhere. Ripens before Worden. It adapts itself to most any soil, is always productive; a good strong growing, hardy vine, should be planted with other sorts for pollination. Worden and Concord are ideal for this purpose. Each 15c; 12 for \$1.50.

Campbell's Early—Berries large, nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous; a strong and vigorous grower. August. Each 25c.

Concord—Large, black grape; bunches compact; berries round, sweet and pleasant. August. Each 15c; 12 for \$1.25.

Delaware—One of the finest of our native grapes; grows freely and is perfectly hardy; ripens early; berries small, light red. August. Each 15c; 12 for \$1.25.

Lucile—Early red. A dark red grape, medium to large berry and bunch, excellent quality, keeps well and ships well. In vigor, health, hardiness, productivity, it is surpassed by no other variety, and it is practically immune to fungous diseases. It is one of the most beautiful dark grapes, and it sells at high prices. Should be in every home vineyard. Each 25c; 12 for \$2.50.

Moore's Early—Bunch medium; berry large, resembling Concord, but more pulp and is earlier. 15c each; 12 for \$1.25.

Niagara—Bunch medium; berry large, roundish, uniform; skin thin but tough; pale yellow; flesh tender and sweet; vine vigorous and productive; one of the best white grapes. September. Each 15c; 12 for \$1.25.

Worden—Bunch very large and compact; berry large, black; an improved Concord. Late August. Each 15c; 12 for \$1.25.

BUTZER'S DOLLAR COLLECTION OF GRAPE VINES

\$1.50 Worth for \$1.00, Postpaid

No change can be made in varieties

2 Grapes, Red—Brighton

2 Grapes, Black—Concord

2 Grapes, Red—Lucile

2 Grapes, Green—Niagara

2 Grapes, Black—Worden

10 of the best grapes for the West for
\$1.00, Postpaid

ONION SETS—Plant Them Now

For the home garden no vegetable is so valuable as the onion, and for this purpose it is better to plant sets, because they are ready for the table six weeks after planting. Set them three inches apart in rows six inches apart. When ready for use, take up every other one as needed, allowing the balance to grow to mature size. One pound of sets will plant about fifty feet of row.

BOTTOM ONION SETS

Small onions grown from seed that has been sown too thickly to attain a large size. The small onions (about $\frac{1}{2}$ inch in diameter) thus obtained are planted out and are ready in a short time to pull as green onions for the table or bunched for the market. If left to stand they make ripe onions of the best quality, and come to maturity some six weeks earlier than a crop grown directly from the seed. Per lb. 20c. postpaid.

We have sets only in two varieties of Bottom Sets. The White Portugal and the Yellow Globe Danver. Therefore state whether you want yellow or white. We prefer the yellow.

EGYPTIAN or PERENNIAL TREE ONION

When once set out, without having the slightest winter protection, these come up year after year. The bottoms divide, making several irregular shaped onions that are sweet and tender. The young sets grow on top of the stalks, and can be planted in the fall.

Per lb. 25c, postpaid

POTATO ONION

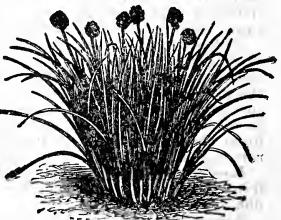
Valuable for bunching or an early crop. The smallest sets make fine bulbs of good size, while the larger ones produce a cluster of small to medium size bulbs. Light brown skin, mild white flesh. It is the earliest, most vigorous in growth and easiest to cultivate of all onions from sets. For the family garden, whether pulled green or as dry bulbs, they are most excellent. Plant some of these.

Per lb. 25c, postpaid

CHIVES—Schnittlauch

Chives are perfectly hardy perennials plants of the onion type, and are grown exclusively for their small leaves which are produced freely very early in the Spring, for giving a mild onion flavor to various dishes. They are used especially in flavoring the small German sausages.

When planted in small clumps in any common garden soil, they will grow rapidly and in time increase so as render division necessary. The tops appear early in the Spring, and can be shorn off close to the ground as needed. If not allowed to flower, they will produce much longer.



Per bunch, postpaid, 15c

DECIDUOUS SHRUBS

Almond (Prunus)

Pink Flowering (P. Japonica)—Well known early dwarf shrub. Double clear pink little roses festoon the gracefully bending branches. Each \$1.50.

Althea (Rose of Sharon)

Late summer blooming shrub that continues on up into the fall when color is scarce, bearing flowers that closely resemble the Hollyhocks in color and size. Colors pink, white or red. Each \$1.00.

Azalea

A Mollis—Low growing shrub that in the early spring is covered with gorgeous flowers before the leaves appear. Each \$2.50.

Barberry

Thunbergii—A beautiful Japan variety of dwarf habit. Small foliage, changing to beautiful red in Autumn. Bright scarlet berries all winter. Each 60c, 75c and \$1.00.

Buddleia (Butterfly Bush)

Magnifica — Lovely long spikes of lilac-colored flowers, Summer and Fall. Attracts butterflies. Small plant, 50c; large, 75c.

Deutzias

Lemoinei—Flowers very large and produced in broad-based, cone-shaped heads of from 20 to 30 flowers each of purest white, 8 to 4 feet. 75c each.

Pride of Rochester—Flowers very early, double; pure white, tinged with blush; great profusion. Grows 6 to 75c each.

Gracilis Rosea—Dwarf growing with sprays of pretty light pink flowers late in the Spring. A beautiful shrub. 75c each.

Forsythia (Golden Bells)

Intermedia—Blooms early in Spring, before the leaves appear, when it is covered with golden bell-like flowers, 2 to 3 feet. Each 60c to 75c.

Fortunei—Upright; makes fine single specimens; golden flowers in profusion in April. Each 60c to 75c.

Hydrangea

Paniculata Grandiflora—Immense panicles of bloom, from July to November, creamy white, pink flush. Prune back in early Spring about half of previous year's growth. Hardy everywhere; good for cemetery planting. 2 to 3 feet, 75c; 8 to 4 feet, \$1.00.

Otaksa—One of the most popular lawn plants. The flowers run in shades of pink, blue and white, mineral in soil often changing them to two or three shades in one. Fine for shady places. Each 75c to \$1.50.

Lilac (Syringa Vulgaris)

Common Purple—Very fragrant, an old favorite. 8 to 4 feet, 75c; 10, \$6.00.

Common White—Same as above, flowers white. 8 to 4 feet, 50c; 10, \$4.50.

Mock Orange (Philadelphus)

Grandiflora—Flowers large; slender twig habit. 8 to 4 feet. Each 50c; 10, \$4.50.

Hybrid—2 to 3 feet, 50c.

Quince

Japonica (Japan Flowering)—Blossoms vary from the richest scarlet to the most delicate blush color; the fruit is deliciously fragrant, but not edible. 2 to 8 feet. Each \$1.00.

Snowball

Common—Flowers globular, pure white, in May. 8 to 4 feet. Each 75c.

Japanese—Flowers pure white, delicate large globular heads in May. 2 to 8 feet, \$1.00.

Spiraeas

Each 75c

Spiraea Thunbergii—Charming spiraea with graceful form and abundant blooms.

Billard's (S. Billardi)—Flowers red in dense spikes, blooms most of Summer.

Van Houtte's Bridal Wreaths (S. Van Houttei)—Very graceful; flowers white in round clusters. May.

Crimson—Anthony Waterer (S. Bumalda)—A most desirable variety, having deep red flowers.

Weigelia

Candida—Flowers white, bush tall. 75c.

Rosea—Flowers light pink, shrub compact. 75c.

Eva Rathke—Flowers red, one of the best. Slightly dwarf. 75c.

Variegated—Leaves become silver white. 75c.

EVERGREENS

Araucaria

Imbricata (Monkey Puzzle)—A fine tree of regular pyramidal form; leaves bright green, overlapping each other; 8 to 10 in. \$1.00 each.

Arborvitae

American—18 to 24 inches. Native, known as white cedar. Foliage bright green, yellow-green underneath; brown and bronze in winter. \$2.50 each.

Golden—Elegant; habit regular; foliage tinged with gold in spring. \$3.00 each.

American Variegated Pyramidal — Foliage dark green. \$3.00 each.

Cedrus

Japanese Cedar (Cryptomeria Elegans)—Beautiful delicate green foliage and graceful habit, color changing to reddish brown in winter. Price, \$1.00 to \$2.50 each.

Deodar or Indian Cedar (C. Deodara)—Very handsome; branches drooping; foliage silvery green. Very popular. Each \$2.50.

Cypress (Cypressus)

Allumii—Handsome pyramid shaped conifer. Foliage greenish-blue. \$2.00 to \$3.00 each.

Cypress Lawson's (Chamacepris Lawsoniana)—Graceful and conspicuous; branches horizontal, slightly pendulous; foliage dark green. \$1.00 to \$2.50 each.

Italian—Bright green. Very compact in growth, nothing finer in upright type. 2 to 3 ft., each \$2.50; 3 to 4 ft., \$3.00.

Hemlock (Tsuga)

Western (T. Hookeriana)—Very beautiful and appealing; branches pendant and foliage deep green. Each \$2.50.

Juniper (Juniperus)

Irish (J. Communis Hibernica)—Pyramidal in form, foliage silvery gray. Very striking. Each \$2.00.

Retinospora

Plumosa—An exceedingly handsome, acorn-shaped evergreen of medium tall growth, from Japan, with feathered, light green foliage. \$3.00 each.

Squarrosa Veitchii—Dense growth; soft beautiful silvery blue foliage, arranged in spirals which gives the impression of boiling over. \$3.00 each.

Spruce (Picea)

Norway (P. Excelsa) — A lofty, rapid grower; branches drooping. Fine for hedge or wind-break. \$1.00 to \$2.00 each.

Colorado (Pungens)—The original form of the famous Blue Spruce; foliage sometimes quite blue, mostly light green. A vigorous grower and hardy, making fine specimens in a broad based, sharply defined pyramidal form; foliage rigidly angular with sharp needles very densely set. \$3.50 each.

SPECIAL—We will send you three nice Evergreen Shrubs of three varieties our selection for \$2.00; regular price \$4.00 and over. We need the room and as long as we have them they are yours. Too large to be sent by parcel post, but should be sent by express or freight. Order now before stock is sold.

BROAD LEAVED EVERGREEN TREES AND SHRUBS

Abelia

A beautiful, low-growing, bushy, small-leaved evergreen, with dark green, glossy leaves, bearing small clusters of beautiful pink to white flowers from June until late fall. Very popular. Nice plants \$1.00; specimens, \$1.50 to \$2.50.

Aucuba

Japonica—Japan evergreen, with shining foliage and red berries. Each \$1.00 and up.

Japonica Variegata—Green and yellow foliage; very showy; Large plants for immediate effect. Each \$2.00 to \$3.00.

Boxwood (Buxus)

Pyramidal Boxwood—Cone shaped plant of great beauty. 2 to $2\frac{1}{2}$ feet, each \$5.00; $2\frac{1}{2}$ to $3\frac{1}{2}$ feet, each \$6.00.

Globe Boxwood—Trimmed in shape of a globe. Each \$2.50 to \$5.00.

Boxwoods for Hedges and Borders—Write for prices on quantity desired.

Broom

Scotch—Branches drooping covered in spring with bright yellow flowers. 3 to 4 feet, \$1.25.

White Flowering—Same as Scotch; flowers white. 3 to 4 feet, \$1.00.

Spanish—Upright, branches leafless, superior to Scotch. Blooms continuously throughout the summer. 3 to 4 feet, 75c.

Camellia

Camellia—Small trees with shining waxy leaves, and beautiful waxy flowers, very much resembling a small rose. We are only able to offer these in assorted colors, 1 $\frac{1}{2}$ feet high, each \$2.50. A nice plant for \$1.50.

Daphne (Odora)

Japanese shrub with waxy light green foliage, pink and white flowers in early spring of wonderful fragrance. Well rooted. No color guarantee. Each \$2.00 to \$3.50.

Cotoneaster

C. Horizontalis (Trailing Cotoneaster)—Low growing with horizontal branches, dark green leaves. Fruit bright red. Each \$1.50.

C. Franchetti—A large sized shrub of graceful droopy habit, covered with a mass of red berries in Fall. Each 75c to \$1.50.

C. Simonsii—A pretty shrub of upright growth, bright leaves and white pinkish flowers, covered with large red berries all winter. Fine for massing. Each 75c to \$2.00.

Holly (Ilex)

English (Aequifolia)—Prickly, dark green foliage; grows moderately fast, covered during the Winter months with bright red berries. Prices: Berry-bearing trees, per foot, \$1.00; nice trees, \$2.50 to \$6.00; ordinary stock, per foot, 75c; nice trees, \$1.50 to \$3.00.

Laurel

English—Handsome, large-leaved, shining foliage. Excellent for large hedges or screens or as single specimens. Each 35c to \$2.00. Extra large, \$3.00 to \$5.00.

Laurustinus

Luxuriant dark green foliage, with clusters of small white flowers in Winter. 1 to 2 feet. Each \$1.00 and up.

Lonicera

Nitida (Evergreen Bush Honeysuckle)—New evergreen shrub, slender branches with bright glossy foliage. Excellent for massing or tub plant. There is no better evergreen shrub for the price. Each \$1.00 to \$1.50. Trimmed pyramidal shape, \$2.50.

Oregon Grape

Mahonia Aquifolia—Official flower for the state of Oregon. Each 75c to \$2.00.

Portugal Laurel

Beautiful slow growing laurel, dark green glossy leaves, small, very compact. 18 to 24 in., each \$2.00; 24 to 30 in., each \$3.00.

Privit (Ligustrum Ovalifolium)

Golden Privit—Beautiful variegated shrub to plant among evergreens, giving a wonderful effect. 2 ft., each \$1.00 to \$1.50.

California Privit—Our best plant for hedges. Plant in double row 2 ft. apart, 6 in. between plants. 18 to 24 in., 10 plants, \$2.00; 100, write for price.

24 to 30 in., 10 plants, \$2.25; 100, write for price.

Pyracantha

Evergreen Thorn—Tall growing, long narrow green leaves, small, white flowers, followed by orange berries all winter. We have orange-scarlet and orange-yellow berried plants. Each 75c to \$1.50.

Veronica

These are dwarf shrubs of rather recent introduction, but coming into great favor in landscape planting. They are from 10 inches to 3 feet in height, with small evergreen foliage and white, pink and red flowers. Price 75c to \$2.00.

Buxifolia—Very dwarf growth, light green foliage. 75c to \$1.00 each.

Cupressoides—Grows to 3 feet. Fine foliage, resembling a conifer.

Glaucophylla—With pointed leaves of a glaucus color, 2 feet.

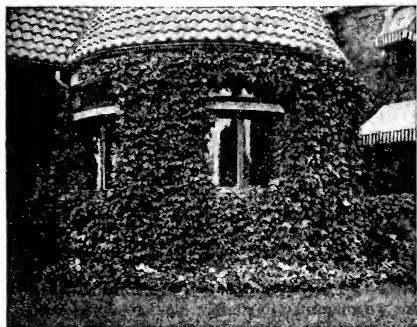
Traversii—The best known variety. White flowers.

Ornamentals—Shade Trees

Trees 6 to 8 feet and about 1 in. Caliper unless otherwise stated.

ASH, White	\$1.50
BIRCH, Eur.	2.00
BIRCH, Cut-leaf	2.50
BOXELDER, Sil.	2.00
CATALPA, West	1.50
CATALPA, Um.	3.00
CHERRY, Japanese Flg.	1.50
CRAB, Flowering, Bechtel Dble.	1.25
CRAB, Scheidecker	1.50
DOGWOOD, Pacific	1.50
ELM, American	1.50
ELM, English	1.50
GOLDENCHAIN (Laburnum)	1.50
HORSECHESTNUT	2.00
LINDEN, 4 to 6 feet	2.00
(American or European)	
LOCUST, Com. Blk.	1.00
LOCUST, Honey	1.00
MAIDENHAIR TREE, 3 to 5 feet	1.00
MAPLE, Oregon	1.50
MAPLE, Norway	1.50
MAPLE, Silver	1.50
MAPLE, Sycamore	1.50
MAPLE, Sugar	1.50
MOUNTAIN ASH, Eup., 5 to 6 feet	1.25
MULBERRY, Russian	1.00
OAK, Common Red, 8 to 10 feet	2.00
OAK, English	2.00
OAK, Pin	2.00
OLIVE, Russian, 3 to 4 feet	1.00
PLUM, Dbl. Flg.	1.50
PLUM, Purp. Leaf, 3 year.	1.50
PLUM, Purp. Leaf, 1 year.	1.00
PERSIMMON, Jap., 5 to 6 ft.	1.50
POPLAR, Balm of Gilead	1.00
POPLAR, Carolina	1.00
POPLAR, Lombardy	1.25
POPLAR, Silver	1.50
PLANE, Tree (Sycamore)	1.50
THORN, White	2.00
THORN, Red	3.25
TULIP, Tree, 3 to 4 feet	1.00
WILLOW, Babylon, 4 to 6 feet	1.75
WILLOW, Golden	2.00
WILLOW, Wisconsin	1.50

ORNAMENTAL CLIMBING VINES



BOSTON IVY

Amphelopsis

Veitchi (Boston Ivy) — The most popular and desirable climbing plant for covering brick, stone or cement walls, etc. Clings to the smoothest surface. Foliage rich olive green during the summer, bright crimson and scarlet in the fall. Strong plants, 50c to 60c; extra strong, 75c to \$1.00.

Quinquefolia (Virginia Creeper, or American Ivy) — One of the best and quickest growing varieties for covering trellises, arbors, etc. Its large deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 50c to 60c; extra strong, 75c to \$1.00.

CINNAMON VINES are the most desirable, easiest grown climbers in the world. They are from China—the land of wonders. Their abundant blossoms perfume the air for a long distance. No words can describe their delicious fragrance. Perfectly hardy—thriving in all soils, in sun or shade, wet or dry. No insects, blight or disease of any kind ever troubles them, no winter harms. Once planted they will grow a lifetime. **Each 25c; five for \$1.00, postpaid.**



CLEMATIS

Duchess of Edinburgh—Large, shapely double flower—
ing pure white. **Each \$1.00**

Jackmanii—Intense violet purple, with a rich velvety appearance; distinctly veined. **Each \$1.50**

Mme. Eduard Andre—A new bright red. Large flowering and as free bloomer as Jackmanii. With slight protection it will withstand the winters in Colorado. Postpaid. **Each \$1.00**

Clematis paniculata—A rapid and vigorous grower; it produces sheets of medium sized, pure white flowers of the most pleasing fragrance; well adapted for covering trellises or fences. **Choice plants, 50c; extra fine, 75c.**

Celastrus Scandens (Bittersweet)

Handsome glossy foliage and large clusters of beautiful, orange crimson fruits retained all winter. Its graceful sprays of berries make charming winter house decorations. A popular vine for covering rough fences. **Each \$1.00**

Aristolochia Siphon (Dutchman's Pipe Vine)

A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its light green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Very strong plants, \$1.00 each.

Honeysuckle

A beautiful climber, rapid grower and very desirable. Flowers very fragrant.

Your choice of the following, 60 to 75c each; extra strong, \$1.00.

Halleiana—Very popular; almost evergreen; flowers white, passing to yellow.

Belgica (Monthly Fragrant)—Flowers are large; color red and yellow.

Ivy Evergreen

Common English—Thick, leathery evergreen leaves. Strong grower. Good roots. Each 25c; large, 50c.

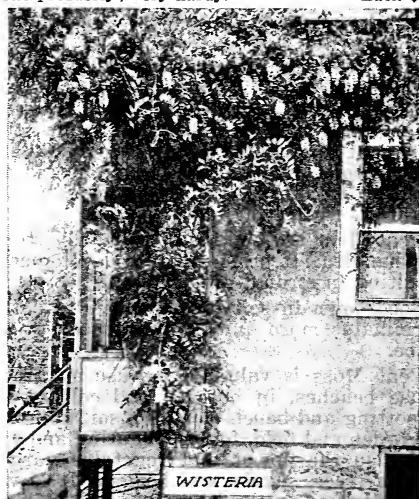
Jasmines

Nudiflorum—Favorite climber for sheltered positions; hardy south of Philadelphia, fragrant yellow flowers. **Each \$1.00**

Officinale—Pure white fragrant flowers. A splendid climber for a sheltered position. **Each \$1.00**

Bignonia (Trumpet Vine)

Radicans—For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, this will be found very useful. The dark red flowers, with orange throat, are large, attractive, and borne profusely; very hardy. **Each \$1.00**



Wistarias

The strongest growing of all hardy vines, easily reaching the roof of a two-story building in a few years if given a chance to climb. (See cut). Flowers appear with the first leaves late in the spring.

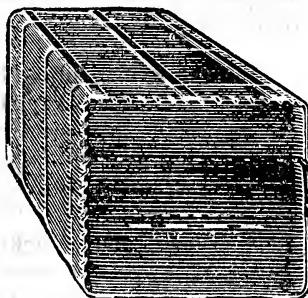
Sinensis—Purple or white; strong vines. **Each \$1.50 to \$2.00**

W. Multijuga—Similar to Wistaria Sinensis except in color of flowers which are dark violet blue, borne in very long racemes. **Each \$2.00**

PEAT MOSS FERTILIZERS

NATURE SOIL IMPROVER

for
Vegetable
Growers
Horti-
culturists
Home
Gardens
Nurserymen
Florists



A few of the many purposes for which it is used:	Landscape Work
Fertilizer Carrier	Benches (Greenhouse)
Mulching	Golf Courses
Cold Frames	Packing
Lawns	Storing Bulbs
Improving Soils	Potting
Propagating	Layering
Cuttings	Seed Beds

Peat Moss improves the physical structure of the soil. It absorbs ten times its weight in water, or more, conserving it, releasing it for the plants in periods of drought.

Peat Moss makes soils favorable to beneficial soil bacteria, necessary to good vegetative growth. Plants consume humus and so do the bacteria in their operation of transforming air nitrogen into valuable plant food. Peat Moss tends to increase the humus content of the soil.

Peat Moss consists chiefly of decomposed vegetable or organic matter. It is free from weed seeds and detrimental fungi. It is produced from high-level moorland, consisting chiefly of sphagnum moss of high quality, light in color and weight. It is light and has superior moisture absorbing and retaining qualities.

Peat Moss is clean, odorless, easily stored and handled. It promotes root development, resulting in strong, robust plants.

Seed sown in soil mixed with Peat Moss germinates more quickly than seeds in soil alone.

Peat Moss is valuable for use on greenhouse benches, in hotbeds and coldframes, in potting and bench soil, as a soil improver in garden and field, for propagating and as a mulch in the flower and vegetable garden, around trees, shrubs and hedges. It is valuable for use on the lawn.

Peat Moss is packed in bales of standard size and bulk, with minimum moisture content. The material in a bale will cover 340 square feet one inch deep.

In making new lawns, apply from three to six inches of Peat Moss and work it into the soil. An even germination of the grass seed will be obtained and a thick turf will soon develop.

Price per Bale, \$3.00
F. O. B. Portland

FEED THE SOIL AND
IT WILL FEED YOU

GROZ-IT BRAND Pulverized Sheep Manure

The Fertilizer for Lawns, Golf Greens, Flower Beds, Window Boxes, House Plants, Trees, Seed Beds in Nurseries and the Garden

GROZ-IT Pulverized Sheep Manure has no rival: This we guarantee to contain plant food as follows:

Nitrogen 1.84 As Ammonia	2.25
Water Soluble Potash K-2 O	3.00
Total Phosphoric Acid	1.25
Available Phosphoric Acid	0.75

	PRICE
10 lbs.	.30c
25 lbs.	.60c

Per ton, \$25.00.

These prices are F. O. B. Portland.
PURE BONE MEAL

Pure Ground Bone, fine ground, is one of the best fertilizers. This is the only grade of Ground Bone we sell, and is all pure bone, reduced by improved machinery to an even fineness—nothing is added, and is free from any adulterant. This is a very valuable enricher of the soil. **Per lb., 5c; 100 lbs., \$3.00.**

We also carry in stock and would be pleased to quote prices on

BLOOD MEAL
NITRATE OF SODA
SULPHATE OF AMMONIA
SUPERPHOSPHATE
FISH GUANO, TANKAGE
LAND PLASTER
MURIATE OF POTASH
SULPHATE OF POTASH
LIME, Etc.

Write for prices.

STIM-U-PLANT
An All the Year Fertilizer
For Garden and House Plants

EASY TO USE.



Simply insert tablets in soil near plants, or dissolve in water at the rate of four tablets to the gallon and apply as liquid manure. Complete directions with each package.

Because of its ready solubility, STIM-U-PLANT can easily be used as a liquid manure, by dissolving the tablets

in water at the rate of four to the gallon.	
Small size, 30 tablets	\$0.25
Medium size, 100 tablets	.75
Large size (pail), 1,000 tablets (enough for season's supply for medium-sized gardens)	\$3.50

SPRAYS, SPRAY MATERIALS, Etc.



CARBOLA

The Disinfecting White Paint

THE POWDER OF MANY USES

Use CARBOLA Instead of Whitewash

Carbola is a white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic. It kills, lice, mites, fly eggs, etc., and helps prevent the start and spread of contagious diseases that affect man, beast and fowl. Carbola is two things in one—a paint that disinfects or a disinfectant that paints. It dries a clear snow white. It saves labor, time and money. It paints and disinfects at one operation in the same time and with the same labor required to paint or disinfect only.

Carbola is recommended for use instead of whitewash in every place where whitewash ordinarily is used.

Garages	Warehouses	Outbuildings
Factories	Cellars	Tree Trunks
It is recommended for use instead of whitewash and disinfectants in		
Stables	Kennels	
Poultry Houses	Rabbit Hutches	Barns
Creameries	Hog Pens	Dairy Buildings

The postpaid prices apply only to the 1st, 2nd and 3rd zones.

Trial package	Postpaid	\$0.35
5 pound pkg.	Postpaid	.75
10 pounds (10 gal.)	Postpaid	1.50
20 pounds (20 gal.)	Postpaid	3.00
50 pounds (50 gal.)	Prepaid	6.25
200 pound bags	Prepaid	22.00

FUNGI-BORDO (Bordeaux Mixture)

In powdered form, mixes perfectly with cold water. For peach, tomato and potato blight all fungus diseases. Write for price.

BLUE STONE
(Sulphate of Copper)

Applied in time it will prevent mildew and all fungus diseases. Also prevents smut on barley and wheat, by soaking seed to be planted in a solution of 1 lb. to 6 gallons of water for ten or fifteen minutes. May be sent by parcel post. Write for price.

LIME SULPHUR (Solution)

The best remedy for San Jose scale. One gallon makes twelve. Also one of the best summer sprays, as it is an excellent fungicide. When used in summer dilute with 20 to 30 parts water. Qt. can, 25c; gal. can, 75c; 5-gal. can, \$2.25; 50-gal. barrel, write for price.

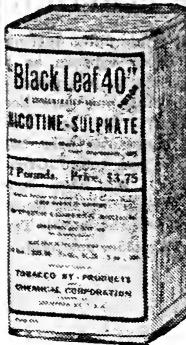
DRY LIME SULFUR

Controls all scale and fungus diseases for which Lime-Sulphur Solution is recommended. More convenient to handle and saves freight on water. Put up in air-tight packages, which should be used when opened. For Winter Spray use 10 to 14 pounds to fifty gallons of water. For summer, in combination with Arsenate of Lead, use 2 to 3 pounds to fifty gallons of water.

Price: 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.00; 100 lbs., \$10.00.

"BLACK LEAF 40"

40% Nicotine



Destroys Aphis, Thrips, Leaf Hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage. Combines readily with other sprays. Also for poultry lice.

1 oz.	6 gals. spray	\$0.35
1/2 lb.	40 to 120 gals. spray	1.25
2 lb.	150 to 500 gals. spray	3.25
10 lb.	800 to 2500 gals. spray	11.50

Cannot be mailed.

NICO-FUME

The purest and mostly refined nicotine product offered for spraying, vaporizing and fumigation in Green Houses. Our Florists like Nico-Fume better than other preparations.

Nico-Fume Liquid for spraying or vaporizing 1-lb. tin, \$2.00; 4-lb. tin, \$6.25; 8 lbs. (gal.), \$11.50. (Cannot be mailed.)

"NICO-FUME" TOBACCO POWDER

Tobacco Powder impregnated with a high strength nicotine solution. Effective for fumigating in greenhouses to destroy Aphis, Thrips, etc. Fill 2½-inch flower pot heaping full of "Nico-fume" Powder, pour powder out on ground or cement walk in a narrow pile about 7 inches long and light. Use a pile to each 5000 cubic feet of air space. Place piles equal distance apart. 1 lb. can \$1.00; 5 lb. can \$3.75; 10 lb. can \$6.85. F. O. B. Portland.

SULPHUR

For Dry Dusting of Trees, Vines, Etc., Bleaching Fruit, etc.

It has been proven and so recommended by the University of California that if you sulphur your grape vines and orchards six times they will not be affected by Mildew or Red Spiders and rust. Write for price.

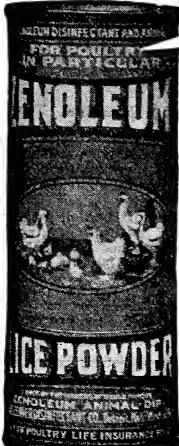
"EVER GREEN"
Non-Poisonous Insecticide

Sure Death to Plant Insects—Harmless to Man, Birds and Animals

A sure killer of most plant insects—and yet offers no poison whatever to human beings, livestock or birds—it is positively not a poison. The active principle is Pyrethrum, or insect flowers, which has this valuable property of being deadly to nearly all insects. Especially recommended for killing Cut Worms, Cabbage Worms, Green Flies, White Flies, Thrips, Leaf Hoppers, Currant Worms, Aphis, Rose Chafer, Rose Slugs, Pear Slugs, Mealy Bugs, Mites, Red Spiders, Japanese Beetles, Leaf Tiers, Potato Beetles, Squash Beetles (Stink Bugs), Aster Beetles, Bean Beetles, Cucumber Beetles, Ants, Plant Lice, Melon Bugs.

PRICES NOT POSTPAID

1 oz. bottle 35c; 6 oz. bottle \$1.00; 16 oz. bottle \$2.00; 32 oz. bottle \$3.50; 1 gal. bottle \$13.00.



ZENOLEUM LICE POWDER

A high grade fluffy dusting powder, using tobacco as a base, mixed with non-poisonous insecticides. A sure lice killer for poultry and live stock. A big winter help, but good all the year round. Great for chicks. We have succeeded in producing the finest lice powder in the world. Try it now! Pkg. 35c, postpaid.

Many Uses for Zenoleum

CATTLE

Abortion
Afterbirth Retention

Anthrax

Brack Leg

Bloat

Calf Cholera

Cow Pox

Eczema

Flies

Foul in Foot

Garget

Horn Fly

Lice

Mammitis

Mange

Milk Fever

Ringworm

Sanitation

Screw Worm

Scours

Sore Mouth

Southern Fever

Southern Itch

Surfeit

Ticks

Tuberculosis

Warbles

DOGS

Mange Fleas

SWINE

Canker Nose

Castration

Cholera

Dipping Swine

Garget

Granular Eruption

Injuries

Inverted Uterus

Lice Mange

Mammitis

Mouth Diseases

Nettlerash

Surfeit

Scours

Urticaria

Sore Tails

Worms

HORSES

Lice Farcy

Distemper

Flies

Glanders

Intestinal Worms

Mange

Navel and Joint Diseases

Pin Worms

Quitter

Ringworm

Strangles

Wounds

Won't poison—won't hurt you—won't explode or burn. Kills vermin, cures skin trouble.

PRICE LIST ZENOLEUM DISINFECTANT AND DIP

Eight ounces make	6 gal. of fluid.	Postpaid \$0.35
One quart makes	25 gal. of fluid.	Postpaid .75
Half gallon makes	50 gal. of fluid.	Postpaid 1.25
One gallon makes	100 gal. of fluid.	Postpaid 2.00
Five gallons make	500 gal. of fluid	Prepaid 8.00

Dr. Hess and Clark's Poultry and Stock Preparations

POULTRY PAN-A-CE-A

It contains internal antiseptics that counteract disease; insures a healthy, singing poultry flock. Cost but a trifle—a penny's worth enough for 30 hens per day. 1 1/2 lbs., 30c; 3 lbs., 60c; 5 lbs., 85c; 12 lbs., \$1.75; 25-lb. pail, \$3.50 postpaid. Guaranteed.



STOCK TONIC

4 1/2-lb. size.....	75c
10-lb. size.....	\$1.50
25-lb. Pails.....	\$3.50

Postpaid

DIP AND DISINFECTANT

Small	60c
Quarts	75c
2-quarts	\$1.25
1 gallon	\$2.00

Postpaid



INSTANT LOUSE KILLER

Guaranteed

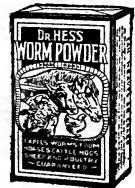


Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumber, squash and melon vines; cabbage worms; slugs on rose bushes, etc. Sold in sifting-top cans. Look for the word "Instant" before buying. 1-lb. pkgs., 30c; 2 1/2-lb. pkgs., 60c, postpaid.

DR. HESS WORM POWDER

For horses, sheep, cattle and hogs. It is highly concentrated and is an effective vermifuge. Dr. Hess' own prescription that proved effective in his practice. Price 1 1/2 lbs., 50c, postpaid. Guaranteed.

Dr. Hess Poultry Worm Powder—
Large 1 1/2-lb. pckg., 60c, postpaid.



DR. HESS ROUP TABLETS

For Roup, Diphtheria, Chicken Pox and all catarrhal diseases. It has these distinctive features—it is antiseptic, slightly astringent, non-irritating and healing. 100-15 grain Tablets, 50c, postpaid. Guaranteed.



DR. HESS WHITE DIARRHEA REMEDY FOR CHICKS

And all poultry affected with white diarrhea. Can be mixed with feed or put in drinking water. 5-oz. pckg., 50c, postpaid. Guaranteed.

GRAFTING WAX

A high-grade preparation. Easy to handle. For pruning or grafting or for covering fresh cuts. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 30c; 1 lb. 50c.

Raffia Natural color, for nursery and garden work, also used for making baskets. 40c per lb. Postpaid

NEPONSET PAPER POTS

Splendid for handling and shipping plants. Unbreakable, light and economical.

Weight	Price
1,000	100
2 $\frac{1}{2}$ in. 18 lbs.	\$0.70
3 in. 28 lbs.	.95
4 in. 50 lbs.	1.50
	10.75



JAPANESE TUBS

These tubs have large hoops, and are imported from Japan. Small size, 13 inches high, 14 inches diameter at top. Price 75c each.

Postage extra



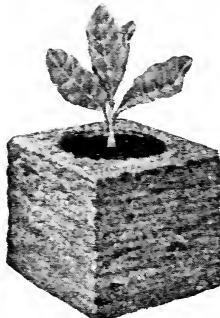
PEAT PLANTING POTS

Planting Pots are made entirely of German peat moss. When once well soaked with water they retain moisture for a long time, thus removing danger of the plants drying out.

Seeds started in Planting Pots rapidly develop strong plants that produce large crops, in some cases as much as four or five weeks earlier than plants produced by other methods.

Made in three sizes—

No. 1—2-in. with 1-in. hole.....	\$2.00 per 100
No. 2—2 $\frac{1}{2}$ -in. with 1 $\frac{1}{2}$ -in. hole.....	\$3.00 per 100
No. 3—3-in. with 2-in. hole.....	\$4.00 per 100



ADCO



ARTIFICIAL MANURE

(Patented in the United States and Abroad)

ADCO is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. The process is perfectly simple and not at all laborious.

GARDENERS can now have plenty of manure at low cost and little trouble.

FARMERS, by utilizing straw, corn stalks, etc., can secure their manure without the expense and labor of maintaining live-stock.

PRICE

ADCO, in 150-lb. bags, each \$11.00

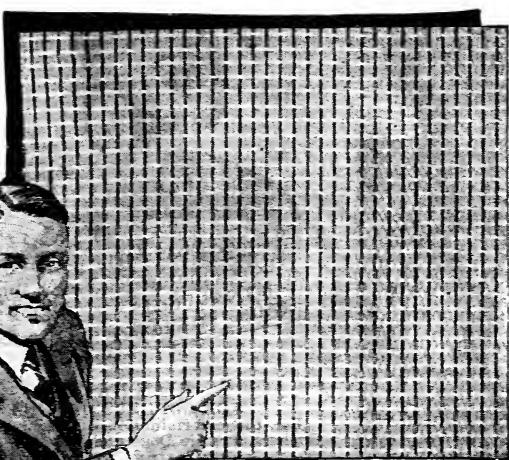
(Enough for a heap 10 ft. x 10 ft. x 6 ft., making about three tons of manure)

ADCO, in 25-lb. bags, each \$2.35

(Enough for 12 wheelbarrow loads of garden waste, making one-half ton of manure)

CEL-O-GLASS

Here is a most useful and durable material, which is recommended for use in place of glass—anywhere. CEL-O-GLASS is unbreakable; it is hail-proof, rainproof, heatproof, coldproof, rustproof and very light in weight. It is ideal for cold frames, hotbed sash, garage and barn doors and windows—any place where you need light and protection from the weather. Easy to use—simply tack it up; no glazing, no trouble, no breakage. CEL-O-GLASS is shipped in rolls 3 feet wide and 100 feet long. We cut in any length. Price 14c per square foot.



All Alfalfa and Clover Seed sown west of the Cascade Mountains requires inoculation with nitrogen-gathering bacteria in order that the crop may thrive. We recommend

HOW TO ORDER: Specify crop and number of bushels you wish to inoculate (one bushel size contains sufficient bacteria to thoroughly inoculate one bushel of designated variety of legume seed).

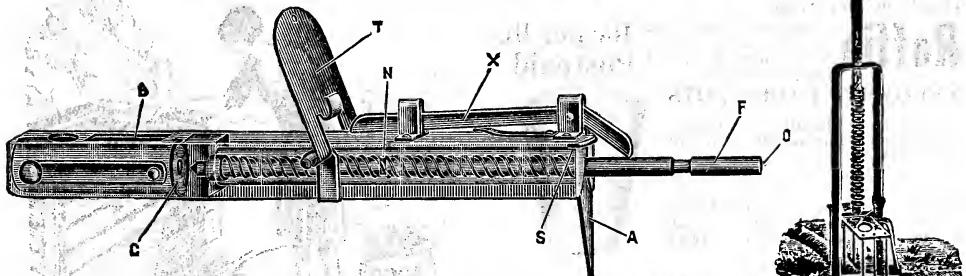
STIMUGERM
LEGUME INOCULATION

PRICES ARE LOW

2 $\frac{1}{2}$ bushel size \$2.25
1 bushel size 1.00
1 $\frac{1}{2}$ bushel size60
1/4 bushel size35

A special garden size for peas, beans and sweet peas will insure you large, luscious peas and beans, and abundant sweet pea blossoms for gorgeous coloring. Price 25c.

THE NEVER FAIL GOPHER GUN



Complete instructions with each gun

Load gun with a 38 S. & W. Blank cartridge as sold by dealers everywhere and set in gopher tunnel. Within a few minutes the gopher will attempt to close the hole, setting off the gun. The concussion kills them every time. For Moles dig down to main run and set same way.

It is easy to kill gophers and moles with the Never-Fail Gopher Gun.

It will rid your place of gophers, moles, rats, squirrels and all burrowing pests.

It will save you many dollars' worth of damage caused by these underground raiders.

Avoids the cruelty of other methods because it kills instantly, it saves time because of its effectiveness and at a cost of only about one and one-half cent per rodent. Price \$1.75, Postpaid.

100% Satisfaction

AMERICAN BEAUTY GARDEN SET



MAYNARD TROWEL

6-inch blade and shank, solid steel socket. The best trowel made. Price \$1.00, postpaid.



No. 212—Solid Steel Trowel. 50c, postpaid.



GARDEN TROWEL No. 4

One piece pressed steel. Handsomely finished in black baked enamel. Length of blade 6 inches. Ground and polished points. Price 25c each, postpaid.



No. 2120—SOCKET GARDEN TROWEL
Price, 50c each, postpaid



No. 217—TRANSPLANTING TROWEL
25c, postpaid



No. F-30—SPADING FORK

A very handy tool, forged 3 tine, polished and green enameled. Length 11 inches. Hardwood handle. No. F30—Price each, 50c.

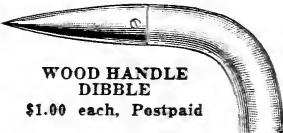


MOE'S GARDEN WEEDER

One piece pressed steel. Handsomely finished in black baked enamel. Has five steel fingers, and is one of the most useful and handiest garden tools made. Ground and polished points. Price, 25c each, postpaid.



TURF EDGER
American. Each \$1.25



WOOD HANDLE
DIBBLE
\$1.00 each, Postpaid



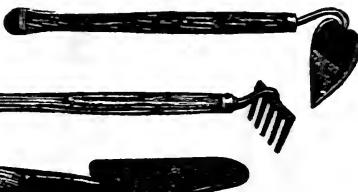
HOSE WASHERS
½-inch, rubber
Doz. 10c



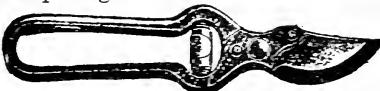
D HANDLE DIBBLE
\$1.00 each, postpaid



No. 2—PRUNING SAW, 18-in., \$1.75 each, postpaid
No. 3—PRUNING SAW, 16-in., \$1.50 each, postpaid



All handles are hand-turned and hand-finished, extra heavy. Tools are finished in red enamel; these are practical tools and are put up each set in a strong box. Hoe heartshaped blade, heavy steel, 16-inch handle. Rake, heavy five-tooth malleable iron, 7-inch handle. Trowel heavy 6-inch. The finest floral set made. Price, per set, \$1.10; if by mail, add 20c for postage.



No. V-12—PRUNING SHEAR
\$1.00, postpaid



Will sow Timothy, Clover, Wheat, Oats, Rye, Buckwheat, Hungarian, Red Top, Millet and all other grains and seeds perfectly even, and any desired amount to the acre, and from 40 to 60 acres a day. Price, \$2.25.

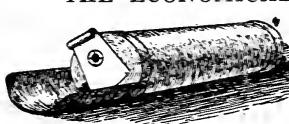
THE HORN SEED SOWER



Will sow 40 to 60 acres per day of alfalfa, clover, timothy, millet, etc. Spread seed evenly from 30 to 40 feet. Price, postpaid, \$1.00.

THE HORN

THE ECONOMICAL SEEDER



A handy little tool which will be found useful and economical in sowing all fine seeds. It is made of zinc and measures 4 ½ inches over all.

The instrument is small enough to be held in the palm of the hand and the amount of seed is controlled by a simple action of the thumb, operating a slide regulating the flow of the seed. It has a capacity of one ounce of aster seed and more or less of other seed according to size. It is especially recommended for sowing finer flower seeds, such as begonia, calceolaria, cineraria by florists and all the smaller vegetable and flower seeds in the garden. Each 50c, postpaid.

PRUNING SHEARS



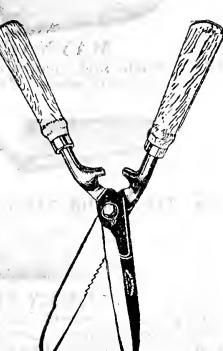
No. 30 Price \$2.50 each



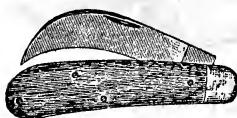
No. 20 Price \$2.00 each



No. 5406 Price \$2.00 each

No. 800—8 inch.....\$2.25
No. 9 —9 inch.....2.50No. 660\$2.00
Special 6-in. blade.

HEDGE SHEARS



PRUNING KNIFE

Handy grip ebony handle, curved, polished, tool steel blade, nickel-plated bolster.

No. 9215—Price each \$1.00.

Has pointed blade and broad bone opening spoon.

No. 6427—Price each \$1.50



PRUNING SHEAR

Full polished Swiss Pattern shear, crucible steel blade, ratchet, regulated adjusting nut; 9 inches long.

No. 202—Price each \$1.25.



ROSE SHEAR

Full nickel plated, 7 inches long, forged from high grade steel. Its fine finish and handy size makes it very desirable.

No. 7328—Price each \$1.25.



No. 830 Weeder—50 each



No. 160 Grasswhip—\$1.25 each

Budding knife
A well-shaped good sized knife with special blade to open cleft for inserting buds.

No. 436—Price each \$1.25.



THINNING SHEAR

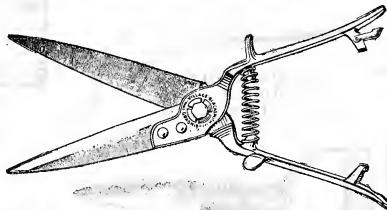
Mill finish, used for thinning fruit and for picking grapes, etc. 7 inches long.

No. 101—Price each 50c.



BUDDING KNIFE

Stationary blade.
Price, 60c each

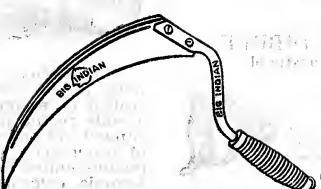


Village Blacksmith "Grasnip." A very practical shear for cutting grass, light vines, etc.; 6-inch steel blades, malleable handles.

Red Handles, best finish, \$1.25, postpaid.

Green Handles, med. finish, \$1.00, postpaid.

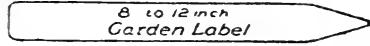
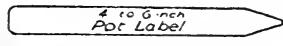
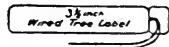
GRASS

No. 2
Price 75c eachNo. 1 Big Indian
Price \$1.00 each

HOOKS

No. 3
Price 75c each

LABELS



TREE LABELS

Copper Wired and Painted

3 1/2 inch—35c per 100, \$2.90 per 1000

POT LABELS

6 inch—40c per 100, \$3.00 per 1000

5 inch—35c per 100, 2.50 per 1000

8 inch—85c per 100, 7.50 per 1000

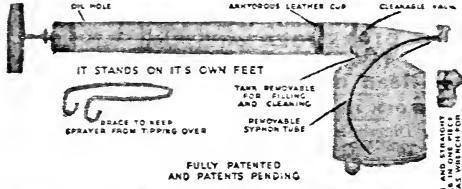
GARDEN LABELS

10 inch—\$1.00 per 100, \$9.00 per 1000

12 inch—1.50 per 100, 12.50 per 1000

AUTO-SPRAY No. 26

IT SPRAYS CONTINUOUSLY

FOLLY PATENTED
AND PATENTS PENDING

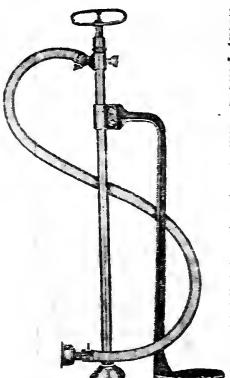
The Auto-Spray No. 26 is so designed that the pressure generated on the down stroke of the plunger allows this sprayer to produce a continuous mist-like spray. This is a decided advantage over ordinary atomizers, which are intermittent, in that spraying can be done more rapidly and with less exertion. This sprayer has a number of advantages which other Atomizers lack. Note the two nozzle caps yoked together to prevent loss, one straight and one angular.

The ball valve, which prevents this stored up compressed air from returning into the pump cylinder, is conveniently located in a brass valve seat, fastened stationary in the end of the pump cylinder, and readily cleaned or replaced. By removing the tank from this sprayer, the syphon tube can be easily and quickly cleaned.

Auto-Spray No. 26A, 1 quart all tin \$.85

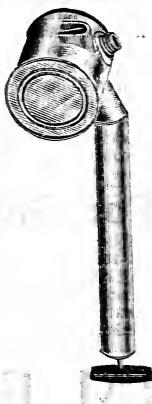
Auto-Spray No. 26B, 1 quart tin pump, brass tank 1.25

Auto-Spray No. 26C, 1 quart all brass 1.50

AUTO SPRAY No. 6
Double Acting Bucket

Pump. Price \$5.00

A general purpose Sprayer for furn, stable or garden uses. Handles fly-rolls, bug poisons and disinfectants of heavy tin. Tank 4x1 1/2 in. Length over all, 21 inches. No. 22, price each, postpaid 60c



THE "MISTY"

First large powerful pump. Lock seam'd can. Made of heavy tin. Tank 4x1 1/2 in. Length over all, 21 inches. No. 22, price each, postpaid 60c

FEENEY DUST GUN

The dust cloud from a Model B Duster covers every surface of the thing that is to be dusted—top, sides, underside and all—hunts every crack and crevice—nothing escapes being treated—it does the job completely. Price \$1.25.

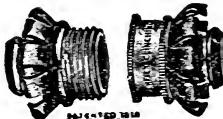


The Goodwin Grass Shears

(Ball Bearing)

The new Goodwin Grass Shear can be used for hours without tiring or injuring the hands. No more blisters or skinned knuckles—the design of the Goodwin eliminates all the faults of the old type shears.

Price—No. 10, \$1.75; No. 20, \$1.25, postpaid.

PERFECT
CLINCHING
COUPLER1/2 or 3/8 inch
Per pair
35c, postpaid

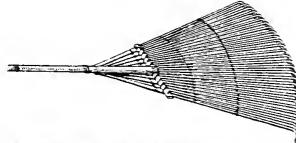
No. 40—Nozzle Coupling \$0.40
No. 50
No. 50—Nozzle
and Hose Couplings.
Price \$0.35



No. 56, Coupling, 1/2 or 3/8 inch, Postpaid \$0.35



No. 40
No. 40—Nozzle Coupling
and Hose Stock. \$0.40
Price \$0.40

JAPANESE
BAMBOO
BROOM
RAKE

Each, 50c

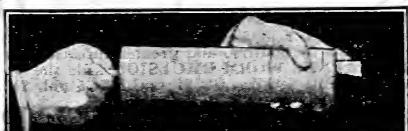


6 foot \$1.65
8 foot 1.85
10 foot 2.00
12 foot 2.15

Cannot be mailed

BUCKET PUMP
No. 95

Price \$4.50





We Sell and Recommend Burrell-Dugger Guaranteed Poultry Remedies



DON SUNG Makes Hens Lay!

We Guarantee you--More Eggs or No Pay

"Hens won't lay in Fall and Winter," used to be accepted as a fact. But anyone who has tried Don Sung knows that hens will lay right through the zero spells of winter, and all other cold or wet seasons.

Some may doubt this—and you may be one of them. But if you don't at least try Don Sung, you are missing some sure, easy profits from extra eggs.



A Mineral Compound that Scientifically Helps Nature

Don Sung doesn't force or hurt the hen in any way. It is a balanced mineral conditioner. It improves the hen's health, tones up her egg-laying organs, and makes her stronger and more productive. It helps supply, during Fall and Winter, those mineral elements, lacking in the feed at that time.

Costs Nothing to Try—Give

Don Sung to 15 hens for 30 days. If it doesn't show you a big increase in eggs, if it doesn't pay for itself and a good profit, your money will be promptly refunded.

Prices: Trial size, 50¢; Large size, \$1, holds 3 times the 50¢ size; SPECIAL SIZE (6 times the \$1 size)—\$5.

To Kill Chicken Lice!

The U. S. Dept. of Agriculture says, "Nothing is as satisfactory as Sodium Fluoride. It kills both old and

young lice, including the young which hatch from the eggs present on the fowl at time of treatment." Talcimized Sodium Fluoride is the form for poultrymen to use. Here it is, Ready to Use.

Here is T. S. F., specially made for poultry. It is less irritating, and is so light and fluffy that it penetrates the plumage. It is in a handy sifter-top can that keeps it protected. Carries the Government's directions for use by the "dusting," "dip" and "piach" method.

Prices of T.S.F. Delivered

Small Size (enough for 40 chickens)	40c
Large Size (Twice as much)	70c
Special Size (Five times the large size)	\$2.65

(All these prices include packing and postage.)



AVICOL

Stops Chicks Dying

The Wonder Remedy for WHITE DIARRHOEA or CHOLERA in chicks, and Black-Head in Turkeys Does work in 48 Hours

White Diarrhoea kills half of nearly every hatch of chicks. The strange thing is that so many people think this loss can't be stopped. But it can be stopped, without extra work, without troublesome dosing, and at almost no cost. For years, thousands have saved their sick chicks and raised nearly every chick in every hatch, by keeping Avicol in the drinking water.

Avicol is a bowel antiseptic. It makes chicks healthy and keeps them healthy. Costs less than a cent a day for an ordinary flock. Guaranteed.

Price 50¢; Large Size (Almost 3 times as much) \$1.

RoupOver

"The Over-Night Roup Remedy"

A New Prompt and Positive Guaranteed Treatment for Roup, Canker and Colds in Poultry

Roup works fast. It usually begins with a cold. After that, the disease progresses rapidly. It is very contagious and can soon kill every chicken you own. Roup is one of the most serious of poultry diseases.

Keep Roup-Over on hand and at the first symptoms of a cold in your flock, give it to every affected bird. It clears the air passages and brings relief with magic quickness. Easily given. Comes in a liquid form and a few drops do the work. Fully guaranteed.

Price 50¢; Large Size \$1 (Three times 50¢ size)

For Gapes in Chicks!

When gapes starts in your flock, get the best of it promptly or it may kill all your chicks. Get Trakol and watch it quickly master the situation. Easily given in the drinking water. Guaranteed. Price 50¢.

Trakol For Gapes In Chicks

BARNES WORM EMULSION

Many so-called remedies are offered and some will cause live worms to be expelled, but the expelled worms are frequently eaten by poultry, and greater infection results than before because the worms themselves are a mass of eggs. But BARNES WORM EMULSION kills the worm, eggs and all, without harm to the chicken. Send for booklet giving full details. Qt. \$1; gal. \$3; 5 gal. \$12.50; 30 gal. \$58.50.

J. J. BUTZER, Portland, Ore.